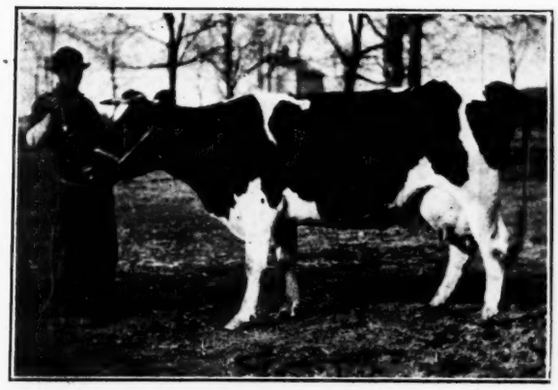
HOLSTEIN-FRIESIAN WORLD

Vol. II. ITHACA, NEW YORK, MAY 1, 1905. No. 9.



BUCKEYE GIRL 2'S FANCY

No. 54625. A. R. O., 18 lbs., 10.9 oz. in 7 days.
Owned by Wing R. Smith, Syracuse, N. Y.

THE BLOOMINGDALE HERD

Is the Home of over **One Hundred Head of Registered Holstein-Friesian Cattle.**

ANY ONE WISHING TO BUY AN EXTRA QUALITY OF HIGH-CLASS HOLSTEINS OF EITHER SEX

Or any age will be able to select from this herd something that will please him both in quality and price.

A. A. CORTELYOU, NESHANIC, N. J.

A FINE BULL CALF

born Feb'y 17, '05. Sire Aaggie Cornucopia Johanna Lad. Dam by Paul Beets DeKol, with an A. R. O. record of over 16 lbs. fat. If you want one of the best let me hear from you. **A. W. BROWN,** Riverside Herd, **Unadilla Forks, N. Y.**

Breeders' Directory.

If your subscription is paid in advance, your herd will be published in this directory at $1.00 per year.

ILLINOIS.

Lookingglass Herd, August Stocker, Highland, Madison Co.

MASSACHUSETTS.

Edgelake Farm Herd, B. W. Potter & Son, Rutland, Worcester Co.

Highlawn Farm Herd, F. P. Knowles, Auburn, Worcester county.

Woodside Farm Herd, John B. Marcou, Princeton, Worcester county.

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MISSOURI.

Grand River Herd, B. L. Bean, Cameron, Clinton county.

Hillcrest Farm Herd, Geo. C. Mosher, Kansas City, Jackson county.

NEW JERSEY.

Bloomingdale Herd, A. A. Cortelyou, Neshanic, Somerset county.

Roe's Herd, H. D. Roe, Augusta, Sussex county.

NEW YORK.

Star Farm Herd, Horace L. Bronson, Cortland, Cortland county.

Sunrise Herd, Ralph Corbin, Bainbridge, Chenango county.

Corning Herd, L. H. Corning, Cortland, Cortland county.

Davis Brothers Herd, Davis Bros., Clifford, Oswego Co.

Crown Herd, I. J. Foster, Cortland, Cortland county.

Maple Lawn Herd, Lawrence L. Grow, Ft. Jackson, St. Lawrence county.

Pleasant Valley Stock Farm, C. F. Hunt, Manlius, Onondaga Co.

Lewis's Herd, Harris Lewis, Norwich, Chenango county.

Success Stock Farm, H. Mason Knox, Canton, St. Lawrence county.

Lakeland Herd, Wing R. Smith, Syracuse, Onondaga county.

Pleasant View Farm Herd, J. A. Stanton, New Woodstock, Madison Co.

Brookside Stock Farm, Henry Stevens & Son, Lacona, Oswego county.

Elmwood Herd, Geo. T. McNeil, Theresa, Jefferson county.

Brookside - Moyerdale Herd, The Stevens Brothers-Hastings Co., Lacona.

Cloverlands Farm Herd, E. M. West, Reber, Essex Co.

PENNSYLVANIA.

Springdale Herd, H. M. Lyon & Sons, Wyalusing, Bradford county.

There was a heifer calf dropped here last week whose sire, sire's sire, Dam's sire, Dam's sire's sire, and Dam's sire's sire's sire each and all have 30 or more A. R. O. daughters.

The 5 bulls have a total of 186 A. R. O. daughters, which is more than any other five bulls in the world.

We know of no other herd in the world that has bred an animal with as many 30-daughter sires in its pedigree.

Animals of all ages and both sexes, fine individuals of the best breeding for sale. The Stevens Herd.

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In writing mention the H.-F. World.

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SPRINGDALE HERD headed by **Sir Johanna Rue DeKol** 31,387, whose dam, **Bessie DeKol Rue;** sire's dam, **Johanna DeKol 2d** and gr. dam, **Netherland Bessie,** have A. R. O. records averaging over 23 lbs. butter in 7 days. Females bred to, and calves by the above bull, for sale.

H. M. LYON & SONS, R. No. 38, Wyalusing, Pa.

PREVENTINE.

The only remedy guaranteed to prevent abortion in cows and scours in young calves. Used with success for years in leading Holstein herds. Unequaled as a disinfectant and germ destroyer. Sold under a positive guarantee by

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(The Holstein Breeders) **Lacona, Oswego Co., N. Y.**

Lyndale Stock Farm, Lyn, Ont,

BROWN BROS., Proprietors,
Breeders and Importers H.-F. Cattle.
Gentlemen:—We have not been troubled with abortion or calf scours in our herd since using PREVENTINE. *W. W. BROWN.*

Holstein-Friesian World.

VOL. II. ITHACA, NEW YORK, MAY 1, 1905. No. 9.

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Members' Fees, Males, $2.00; Females, $1.00; Males over one year of age, $4.00; Females over one year of age, $2.00.

Non-Members' Fees, Males, $4.00; Females, $2.00; Males over one year of age, $8.00; Females over one year of age, $4.00.

Fees for Transfers.

Members' Fees 25 cents; after six months from date of sale 50 cents.

Non-Members' Fees 50 cents; after six months from date of sale $1.00.

Life Membership $25.

Advanced Registry and Official Testing in charge of the Superintendent as above, who will furnish information and blanks.

CALF FEEDING.

How the Holstein Calves Were Fed at the World's Fair.

Perhaps nothing connected with the St. Louis dairy demonstration, was of more interest to those who visited the barns, than the calf produce of the Holstein cows. These calves were all born on the exposition grounds during the spring months. and were kept there throughout the entire summer. As the blood of famous ancestors coursed through their tiny veins many of them very early became quite promising youngsters; and breeders from all parts of the country spoke in highest terms of praise regarding the herd.

The five calves whose dams were entered in the dual purpose test proved to be good feeders; they became quite beefy and of excellent quality. The average weight of the five calves at age of sixteen weeks was nearly four hundred pounds; while the daughter of Jolie Johanna, the grand champion cow in the live stock show, weighed four hundred and seventy pounds at the age of nineteen weeks.

Although these calves were not kept on the grounds for exhibition, a few of them were entered in the live stock show. and received many prizes. World's Fair Hadria a five months old daughter of Hadria 2d won first prize in open competition, showing in a ring of twenty or more of the best in the land, many of whom were more than twice her age.

Few persons realize the difficulty of raising calves under the unfavorable conditions such as existed at the World's Fair. The confinement, the hot weather, the exposure to flies, etc. were conditions that must be met by constant care and the utmost precaution in feeding.

"What do you feed your calves? how often and how much do you feed them? and how do you keep them in such perfect condition?" were questions frequently asked; and, as we often remarked at the time, questions not easily answered. For in a herd of growing calves the ration is constantly being changed, and it may be said that no two calves are fed exactly alike. Therefore to answer these questions fully it would be necessary to deal with each individual separately.

These calves were fed principally on whole milk, in quantity from six to ten pounds at a feed. As soon as they were old enough to eat grain, they received a reasonable ration of crushed oats, corn hominy, wheat bran, and oil meal, mixed in proportion to suit their respective conditions from time to time.

Milk should be given to a calf as soon as posible after it is drawn from the cow, while it yet contains the animal heat; if not it should be warmed to that tehperature before feeding and in no case should a calf receive into its stomach milk that tastes or smells old, if the best results are to be expected. No kind of grain is more wholesome or safer feed for a calf than oats. Oats therefore should form the principal part of the grain ration. Cornmeal or hominy may be added in the winter season or when flesh is especially desired. Wheat bran is easily digested and is cooling diet for extremely hot weather. Linseed meal should be fed in proportion to the condition of the digestive organs. If alfalfa hay is fed very little of the meal will be required; if timothy or clover is fed, the meal may be increased. Linseed meal is also an excellent food as a substitute for butter fat when calves are fed on skimmed milk.

For calves fed on whole milk, clover hay is preferable. Alfalfa may be fed at times for a change, but well cured clover is not only more palatable but better suited to the entire ration. For skimmed milk calves, alfalfa hay is better adapted; grain should be crushed never fed whole; and a teaspoonful of blood meal once a day will increase the appetite and prevent scouring.

Scouring is probably the greatest difficulty that one has to deal with in feeding calves by hand; but why should a calf scour when fed from a pail any worse than if he were nursing a cow? in most cases, perhaps, the fault is with the feeder. He has fed too much, is not watering regularly, or he is feeding an indigestible or unbalanced grain ration. Ready mixed feed containing cottonseed meal or other indigestible ingredients, should be fed very cautiously to calves—better not feed at all. The condition of the digestive organs should be examined very carefully before each feed and the ration governed accordingly. Then there will be little trouble with scouring. or indigestion.

Regularity in feeding is also a very important matter in the care of calves. We fed three times a day at the fair simply because we milked three times

a day. For farm calves twice a day is often enough to feed. Grain should be fed immediately after the milk while the appetite is yet aroused.

The calves will eat more heartily and clean up their feed better. In case a calf should fail to eat all his feed within a reasonable length of time take it from him and make the next feed very light.

Water is very essential even to a very young calf. Many calves no doubt suffer for water simply because they haven't constant access to it; the feeder supposing they do not want it because they refuse to drink readily. We watered the exposition calves twice a day and it was very noticeable that those that drank heartily thrived much better than those that did not drink so well. The result is, however, much more noticeable among stall fed calves than among those that have plenty of exercise. It will be noticed that this article has reference particularly to calves kept in confinement; but the rules, with little modification, may easily be applied to farm calves.

The sanitary conditions, as every one who visited the barns knows were everything but favorable; and, although the Shorthorn people lost half their number of calves, some of them dying in adjoining stalls, the entire herd of Holsteins was brought safely through with no serious illness. The manure was at once removed from the stalls and the bedding entirely renewed twice each day. Disinfectant was used freely. In the absence of a lot in which to turn the calves for exercise they were given daily exercise by leading. Although the exercise was limited, it had much to do with keeping the calves in condition and free from germs of disease.

At the sale of Holstein-Friesian cattle Sept. 23, the calves were sold and taken to different parts of the United States where they are an improvement to the herds and the pride of their owners. No doubt many of them will be heard from in the future.

DAVID PROPPS,
Cameron, Mo.

In care of Holstein-Friesian calves at St. Louis Exposition, 1904.

Buckeye Girl 2d's Fancy.

The illustration presented on the first page is of the cow, Buckeye Girl 2d's Fancy, No. 54625, a daughter of Ophelia 7th's Monk who has nine daughters with A. R. O. records.

This cow has a record recently made of 18 lbs. 10.9 ozs. in 7 days in an official test, during the time she made over 75 lbs. of milk in a day and 507.6 lbs. for the 7 days. She is a member of the Lakeland Herd of Wing R. Smith of Syracuse, N. Y. and is only one of the many choice animals he has in his herd.

We Will Sell

Very large, fine 3 year old Heifer with A. R. O. record of 19.08 lbs. butter in 7 days. Bred to DeKol 2nd's Paul DeKol No. 6, for $225. Two handsomely marked Bull Calves, A. R. O. dams, sired by Lilith Pauline DeKol's Beryl, at $25 each. These are sample bargains at

LOCUST HEDGE STOCK FARM,
Kirkville, N. Y.

The New York State Winter Fair.

A joint meeting of the Board of Directors and the Exhibit Committee of the New York State Breeders' Association was held at Syracuse, N. Y., on April 20th.

There were present President Milo H. Olin, Perry, N. Y.; Wing R. Smith, Syracuse; Wm. T. Thorne, Skaneateles; George F. Peer, Chili Station; W. A. Alexander, Union Springs; F. E. Dawley, Fayetteville; G. B. Tallman, Fayetteville; Harvey Connor, Avoca; E. H. Chapman, Albany; Professor H. H. Wing, Ithaca, and the Secretary Thomas F. Hunt, Ithaca, N. Y.

It was decided to hold a Winter Fair at Syracuse, in connection with the next meeting of the Association on Dec. 19, 20 and 21.

A Premium List was adopted and will be ready for distribution in a short time. The Chamber of Commerce of Syracuse through its appropriate committee is working heartily with the Board of Directors to insure the success of the exhibition.

The Fair is sometimes spoken of as a Fat Stock Show, since fat stock and dressed carcasses are to be prominent features of the Show. It is, however, to be more than a Fat Stock Show since prizes are offered for Dairy Cattle. There will also be a dairy cow test and several prizes for Stock Foods such as corn, roots and hay. The Board of Directors has decided to lay special emphasis upon the educational features of its meetings. At each session there will be lectures with regard to the animals or other objects on exhibition, by men and women of national reputation. At the evening session, it is expected to arrange for lectures and demonstrations on the cooking of meats, which will be of special interest to the housekeepers.

This exhibit will also offer valuable opportunity for breeders to exhibit animals which they may wish to sell although they may not be entered for premiums.

Mr. J. C. Duncan, Chairman of the Exhibit Committee, has received a large number of letters from breeders and feeders of live stock, expressing their interest in the exhibition and stating their intention of making an exhibit.

Exhibitors and others interested may obtain a premium list from the secretary.

WANTED—Man of experience in the breeding of Holstein cattle. Must be thoroughly competent to take entire charge of herd of thoroughbreds and assist in the development of same. Man with family of not less than two or three milkers preferred. Must furnish references regarding honesty, sobriety and reliability as well as capability. Position in Orange County, about fifty miles from New York City. First class wages will be paid and an excellent house will be urnished. State experience fully in first letter. **Dr. Cady, 346 Fulton St.,** Brooklyn, N. Y.

LAKELAND FARM.

HIGH BRED BULLS FROM A. R. O. DAMS.

I can supply bulls ready for service, strong, well grown, richly bred at low prices.

A FEW YOUNG COWS,

mostly with A. R. O. records, and a superior lot of

YEARLING HEIFERS,

in calf by Mntual Pietertje Paul, dam's four year old record, 25 lbs. 9 oz. in 7 days, official.

Write me, or better, come and see for yourself.

WING R. SMITH, Syracuse, N. Y.

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The Ithaca Democrat

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STATEMENTS,
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VISITING CARDS
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HERD CATALOGS
A SPECIALTY.

To Supervise Canadian Records.

Mr. W. A. Clemons has been selected by the Minister of Agriculture to take the general supervision of all the live stock records under the scheme of nationalization now being carried out. He will examine all certificates of registry issued by the various breed associations and affix the seal of the Department of Agriculture to those that are found correct. Mr. Clemons is a son of Mr. G. W. Clemons, St. George, Ont., the well-known breeder of Holstein-Friesian cattle and secretary-treasurer of the association of that breed. For six years he had charge of the Holstein-Friesian Herd Book and gained a reputation as an expert in pedigrees and the management of live stock records. In 1900 he went to Ottawa as secretary to the Live Stock Commissioner and three years later he was made publication clerk for the Department of Agriculture. His work in this connection made his name a familiar one, not only in the newspaper offices but in the farm homes of Canada. He has an extensive personal acquaintance with live stock men, among whom the news of his appointment will doubtless be received with satisfaction.

Good Roads School at Cornell.

The College of Agriculture of Cornell University has called a Good Roads Conference for May 16th to 19th. This Conference is for the purpose of discussing the educational phases of the good roads movement, and to give instruction to students and to all others who desire to come.

The educational aspects of the good roads movement are now coming to the front. If the State is to embark on an organized policy for the improvement of the rural highways, it is important that there be trained men to carry the work forward, even in the subordinate positions. There are about 1000 towns in the State, each with its highway commissioner. There should be facilities for these commissioners, overseers and others to secure direct instruction, and this meeting is to discuss ways and means to bring this about. This conference or school at Ithaca is the first effort of the kind in this State; and the school will be free to every one who desires to come. This is an opportunity to hear some of the best speakers on the subject. Facilities will also be provided for the exhibition of road machinery.

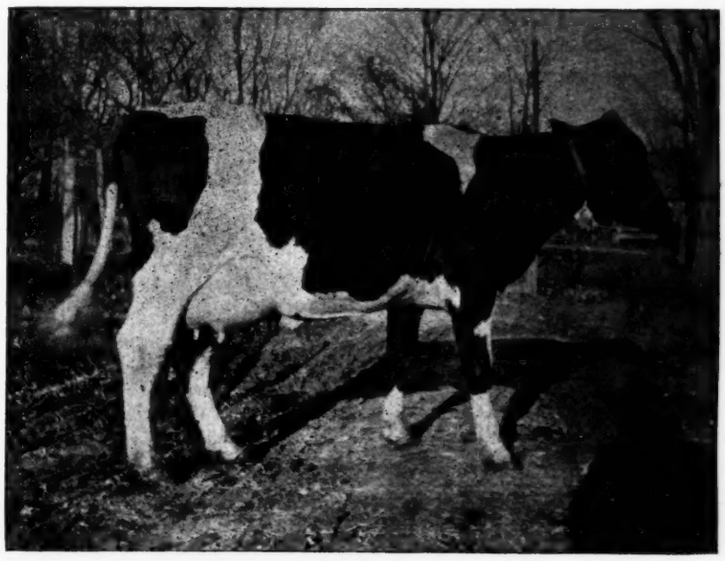
Among those who are expected to take part in the conference are Wm. Pierrepont White, Utica, chairman of the executive committee of the Supervisors Highway Convention; Hon. Henry A. Van Alstyre, State Engineer; Frank D. Lyon, State Engineer's department; Charles W. Trumbull, Division Engineer of the Eastern Division; Arthur Warren, County Attorney, Rochester; E. L. Powers, editor Good Roads Magazine, New York City; George C. Diehl, County Engineer, Erie County; F. E. Dawley, Director Farmers' Institutes; L. W. Page, Acting Director, office of Public Road Inquiries, Dept. Agriculture, Washington, D. C.; E. B. Norris, Master State Grange; W. N. Giles, Secretary State Grange; Geo. A. Fuller, Overseer State Grange; editors of Agricultural journals.

Persons desiring further information should address L. H. Bailey, Director College of Agriculture, Ithaca, N. Y.

The California Legislature has passed a law requiring that all renovated butter shall be labeled "renovated." It imposes a license fee of $1,000 for its manufacture within the State, $400 for wholesaling, $50 for retailing and $10 for serving at hotel, restaurant or boarding house.

Superintendent of Advanced Registry, S. Hoxie, writes: "Official records to compete for prizes of the H.-F. Association this year must be received by me on or before the evening of May 15th, the fiscal year ending at that date."

The King of Italy has proposed an International Chamber of Commerce to deal with scientific agriculture, agricultural labor, diseases of plants and animals, adulteration of food stuffs, etc.



PONTIAC MAIA. No. 65766.

A. R. O. record at 2 years, 1 mo., 25 days, 11.06 lbs., 80 per cent butter in 7 days. Owned by Stevens Bros.-Hastings Co., Lacona, N. Y.

Field Notes.

The next meeting of the New York State Grange will be held at Geneva, February 6-7-8-9, 1906.

The article, Farming as a Business, published in the April 1st WORLD was from Merritt C. Speidel in the New York Farmer. Credit inadvertantly omitted.

A new Maine State law provides that after July 1st, 1905, creameries shall make all purchases of milk and cream on the basis of butter fat contained, determined by the Babcock test.

De Kol Paul Concordia, 64765 H. F. H. B. a Holstein heifer owned by Millard Nye of Preble, N. Y., recently made in official test 14.846 lbs. of butter fat, equivalent to 18 lbs. 8.92 ozs. of butter 80 per cent fat. This heifer was 2 years and 8 months old at the time this record was made.

There will be a meeting of the Holstein-Friesian Breeders' Club, of New York, on Wednesday, May 3d, 1.30 p. m., at the rooms of the Chamber of Commerce, in the University Block, Syracuse. The Club will be addressed by several expert feeders on "Feeding for Tests." All interested in the breeding of Dairy Cattle are invited to be present.

The directors for the Lewis and Clark exposition have appropriated $40,000 to be devoted to premiums for live stock exhibits, as follows:

Horses	$12,000
Cattle	16,500
Sheep and Goats	6,500
Swine	3,500
Poultry and Pets	1,500
Total	$40,00

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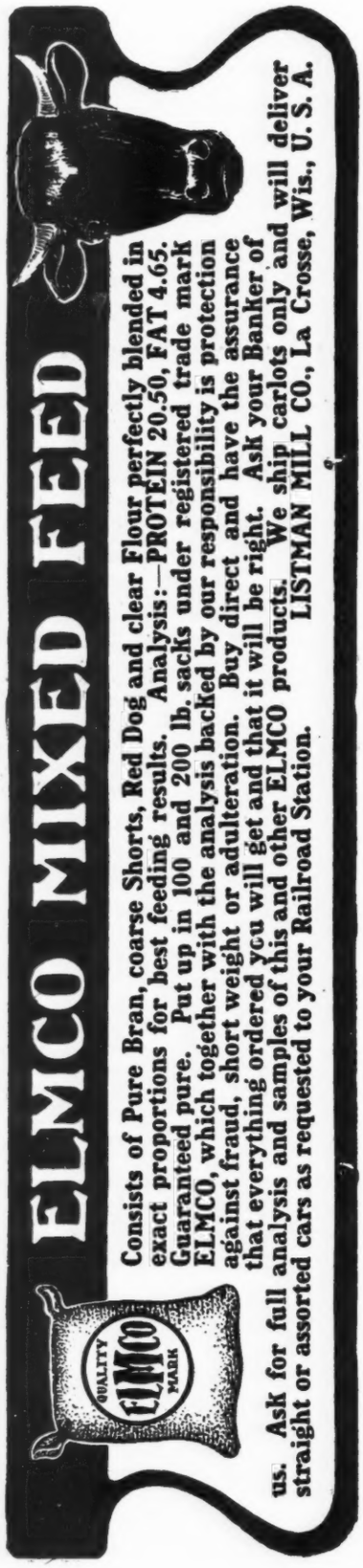


WE SELL DIRECT TO CONSUMER IN CAR LOTS.

The contract for the new Agricultural Buildings at Cornell has been let to M. Kantrovitz of Albany. It calls for their completion May 1st, 1906.

Breeders' Bulletin Board.

EDITOR H.-F. WORLD:

We have lately tested eight cows and heifers that happened to be fresh at one time; one two year old, two three year olds, three four year olds, two full aged cows. The two year old made 12.45 lbs.; best three year old 19.08 lbs.; best four year old 18.1 lbs.; best cow 21.45 lbs. butter 80 per cent fat in 7 days, or an average of about an even 17 lbs. for the 8 head. We inclose you new "ad." Wishing you success we are very truly yours,

R. E. COE & SON.

C. W. WHEELER, North Craftsbury, Vt., writes:

I have found that pure bred stock pay the best, and as soon as I can I shall purchase more stock of the best class. The large producers are the cheaper in the end.

I am in hopes in time to stand in the front rank of Holstein breeders. I take great interest in your paper, and especially in the published reports of official milk and butter records. These show where the Black and Whites stand. These records are bound to convince people that the Holstein is all right in every way.

W. H. BARNEY, Hampton, Iowa, writes:

Home farm is located six miles north of Hampton, at Chapin, on Iowa Central railroad. Our barns are within forty rods of the depot.

Of the Gerben family over seventy-five animals in our herd cary a large per cent of this blood. The fact that a member of this family produced more butter than any other cow in the test at the World's Fair, St. Louis, is evidence of their worth. This blood infused with that of De Kol 2d and Colantha, goes to make up one of the choicest bred lots East or West.

Horace L. Bronson of Cortland, N. Y., writes: Some weeks since I shipped to Mr. S. J. White of Brandon, Vt., two very choicely bred, registered heifer calves as follows: Mercedes Salzell, and Johanna Comedia Lulu. The first was sired by my great bull, Mercedes Julip's Pietertje's Paul, and the second was from my registered cow, Comedia Lulu. They were two of the best specimens that I ever sent out. They are sold by mail and under date of April 6th I received a letter from Mr. White as follows: "I thought I would write you a few lines and let you know how the heifers are coming on. They are growing fine; the Mercedes heifer is doing nicely and the Johanna heifer is going to be a beauty. I never saw a calf make up so much udder as she has got. I think they will make good cows." This is a fair sample of the testimonial letters that I am receiving from mail order customers from every part of the country.

EDITOR H.-F. WORLD:

As I am always interested in reading what brother breeders have to say about their stock. I thought perhaps it would interest some of your many readers to hear from Clover Ridge Stock Farm herd. While it is not a large herd I consider it composed of exceptionally good animals all young and sound and of the very best breeding. Every Holstein cow that has ever given milk on the farm is in the advancer registry with exceptionally good records except one that I sold a few days ago, just after freshening at 2 years and 8 days old. She is as fine a heifer as I ever saw.

I have at the head of the herd Sir Paul Burke De Kol. His dam is a sister to Aaggie Cornucopia Pauline, the champion butter cow of the world with an official record of 34 lbs. 31 ozs. He traces four times to De Kol 2d through such sires as De Kol 2d's Paul De Kol, Paul De Kol, Helena De Kol's Butter Boy, De Kol's Butter Boy, De Kol 2d's Netherland. He also traces to such sires as Millie's Pietertje Netherland and Sir Abbekirk De Kol, as well as twice to Helena Burke. Two of his calves a few months old recently sold at Hunt's auction for an average of $110. I received an unexpected visit a few days ago from Leslie G. Loomis of Victor, N. Y. He informed me he was looking for a few registered Holstein cattle to start a herd, and wanted good ones. He was willing to pay a fair price for what suited him. He selected five 2 year old heifers that are hard to beat, very large and fine in every respect, and of the very best breeding. Three of them were sired by a son of De Kol 2d's Butter Boy 3d, and from exceptionally well bred dams. One very fine heifer sired by Norma De Kol 2d Parthenea, with six living daughters, five in the advance registry with extra good records, the other one never tested. Her dam Mondamin Pietertje De Kol has an A. R. O. record of nearly 20 lbs. Ten of her dams have records that average 20 lbs. Her 5 nearest dams average over 19 lbs. There are but a few cows with that backing. She is from the De Kol, Inkie, Pietertje and Korndyke families. The heifers are all bred to Sir Paul Burke De Kol mentioned above. Mr. Loomis also took a very fine yearling bull of the best of breeding. His sire is the bull mentioned above. His dam Ruby Pauline De Kol 2d, has a record of over 18 lbs. at 4 years old. Her sire is Nellie Burke 2d's De Kol and his dam Nellie Burke imported. Mr. Loomis is well pleased with his little family of Holstein-Friesians.

Wishing success to the H.-F. WORLD, yours sincerely.

JONATHAN WYCKOFF.

H. D. Roe's Letter.

(Continued from last issue.)

Beryl Hartog a two year old heifer that calved just before shipping, was a great bred one, being out of Brookside DeKol Pauline, (A. R. O. at 1 years over 20.5 lbs.) a cow that was out of same cow and sired by same bull as the great young cow May Hartog Pauline De Kol, who made in an official test at 4½ years old, 94 lbs. milk in one day, and 29.96 lbs. butter in 7 days. This record is the second largest record ever made by a cow of this age, being

equalled only by the famous cow Aaggie Cornucopia Pauline the champion A. R. O. butter cow of the world. Another heifer that should make a great one, was out of Armyns An 4th, A. R. O. with second calf 86 lbs. milk in one day 22.27 lbs. butter in 7 days, and sired by Johanna Aaggie's Sarcastic Lad, a bull that is proving himself to be one of the best. I only had three of his daughters officially tested (only had two others in milk and they both calved in mid-summer, but they made good showings for heifers with their first calves. Dorothy Johanna, the largest record one, made 61.35 lbs. milk in one day, and 16.50 lbs. butter in 7 days. Aaggie Cornucopia Pauline 2d, calving in June, and was tested a little before December, same year, nearly 6 months after calving, and she gave as high as 50 lbs. milk in one day, and made over 15 lbs. butter. This heifer was giving over 40 lbs. milk per day when she was shipped away the latter part of Feb. 1905. The other daughter Jarie Pauline De Kol 3d, made 12.68 though it is only fair to say this heifer was not in best condition when tested. Mr. Simpson also bought the last heifer calf out of Maud Aaggie De Kol, and sired by Lilith Pauline De Kol's Son. She was one of the handsomest young calves that I have ever seen.

Messrs. Bolt & Huey of Watkins, N. Y. purchased a young well bred bull calf of me in Jan. and later came down and purchased a yearling heifer.

The bull calf was a very handsome individual, and his new owners were very well pleased with him, when he arrived. His dam, Jetsje Roe's De Kol made in an official test at three years old 66.9 lbs. milk in one day, and over 16 lbs. butter in 7 days. She was a daughter of De Kol 2d's Paul De Kol, the most noted son of De Kol 2d. and a bull that has the distinction of being the greatest sire ever known to the breed, being the sire of Aaggie Cornucopia's Pauline the young cow that made in an official test at less than 5 years old, over 34 lbs. butter in 7 days, the world's largest official butter record. May Hartog Pauline De Kol at 4½ years 29.26 lbs., Lilith Pauline De Kol 28.24 lbs., Homestead Girl De Kol 26.29 lbs., Jarie Pauline De Kol 25.88 lbs. etc.

The sire of the calf shipped to Messrs. Bolt & Huey was sired by the handsome son of the great young cow Alta Posch, who made in an official test at less than 3 years old over 27 lbs. butter in 7 days, the world's largest butter record for a cow of this age, and a record that will in all probability never be beaten for a cow of her age.

The yearling heifer that these gentlemen bought was Cornucopia Johanna, a daughter of Johanna Aaggie's Sarcastic Lad, and Aaggie Cornucopia 3d. Johanna Aaggie's Sarcastic Lad was out of Johanna Aaggie, with an official butter record of over 22 lbs. at 4 years old, and sired by Sarcastic Lad, the bull that captured first prize at St. Louis. Johanna Aaggie's Sarcastic Lad has three officially tested daughters viz: Dorothy Johanna 61.35 lbs. milk in one day 16.50 lbs. butter in 7 days. Aaggie Cornucopia's Pauline 2d. 14.14 lbs. nearly six months after calving, and Jarie Pauline De Kol 3d. 12.6 lbs. all records made with first calves.

Aaggie Cornucopia 3d. the dam of Cornucopia Johanna, made in an official test from but little more than half her udder, 67 lbs. milk in one day and 24.52 lbs. butter in 7 days. She was out of same cow as the champion butter cow of the world, the famous Aaggie Cornucopia Pauline.

The heifer that Messrs. B. & H. bought was a handsome individual as well as being a great bred one, and I predict that she will be heard from later.

To Mr. W. B. Dodds of North Hero, Vt., I shipped about the same time the last calf of Homestead Girl Pauline De Kol, a promising young cow, and out of same cow and by same sire as Homestead Girl De Kol the young cow that made in an official test last fall over 26 lbs. butter in 7 days. Homestead Gilr Pauline De Kol was a daughter of the famous bull, De Kol 2d's Paul De Kol, see above. Mr. Dodds bull was sired by Alta Posch's Son, and he was also a calf that was admired by all who saw him, and Mr. D. writes that he was more than pleased with the bull. To Messrs. A. A. Smead & Son was shipped two heifers that were well bred. One being sired by a son of Beryl Wayne, 27.87 A. R. O. and out of Roella Netherland Mechthilde, with an A. R. O. butter record of a little less than 16 lbs. at 4 years old. The other calf was out of Copia Model, a very handsome and well bred cow, and a great and long time producer, but never officially tested, and sired by a son of Aagie Cornucopia's De Kol, a bull by same sire and out of same dam as Aaggie Cornucopia Pauline, the champion butter cow of the world.

To Mr. G. F. Blewer I shipped a number of the handsomest and best bred cows that I had in the herd. Armyn's An 5th, was bought for a show cow, as well as for business, for she was not only a great producer, but was a typical built Holstein. She made at three years old 20.68 lbs. butter in 7 days, and with next calf made in an official test 21.63 lbs. She was sired by De Kol 2d's Paul De Kol. Homestead Gilr Pauline De Kol, a very promising heifer, but never tested was by same sire and out of Homestead Girl, the dam of Homestead Girl De Kol the young cow that recently made 26.29 lbs. butter in 7 days officially. Homestead Boon De Kol A. R. O. at 4 years old 20.61 lbs. recently made. was a granddaughter of Homestead Girl, and was sired by Pauline Paul 2d's Count, a bull that now has 17 daughters in the A. R. O. list.

May Hartog Pauline De Kol 3d, a daughter of the great cow May Hartog Pauline De Kol A. R. O. at 4 years 29.26, which is the world's second largest record for a cow of this age. was also sent to Mr. Blewer, as well as the last heifer calf out of Armyn's An 5th, sired by Lilith Pauline De Kol's Son. Jetske Roe's Countess A. R. O. at 2 years 13.39 lbs. was also sent.

To Mr. Henry Wisler, Columbia, Pa., I shipped five head of as handsome and business looking cows, as I have ever shipped out. Armyn's An 4th, one of the greatest producers that I had in the herd, made in an official test with second calf, 86 lbs. milk in one day and 22.27 lbs. butter in 7 days. This young cow was sired by De Kol 2d's Paul De Kol, and out of Armyn An the handsomest Holstein I have ever seen. Jetske Artis De Kol another great one made at 4 years old 21.77 lbs. butter in 7 days. She was also sired by De Kol 2d's Paul De Kol, and was out of Jetske Roe's Aaggie Artis A. R. O. 90 lbs. milk in one day 22.05 lbs. butter in 7 days.

May Hartog Pauline De Kol 2d, and Hartog Posch, both daughters of the great May Hartog Pauline De Kol A. R. O. 29.26 lbs. at 4½ years. World's second largest record for the age. May Hartog Pauline De Kol 2d, made in an official test at 4 years old 21.55 lbs. Hartog Posch, a yearling, was a daughter of Alta Posch's Son. and I believe that she will be a credit to him, for she was a very business looking heifer, and large for her age. The other young cow that Mr. W. bought was Aaggie Cornucopia 2d's De Kol 2d, A. R. O. at 3 years old 16.01 lbs. She was sired by Pauline Paul 2d's Count (see mentioned above) and out of Aaggie Cornucopia 2d's De Kol, a daughter of De Kol 2d's Paul De Kol, and Aaggie Cornucopia 2d. Aaggie Cornucopia 2d was sired by Aaggie Prince of Wayne, one of the most noted bulls of the breed, and out of same cow as Aaggie Cornucopia Pauline, the champion A. R. O. butter cow of the world.

H. D. Roe,
Augusta, N. J.

NUGGETS.

I'm thinking
Drinking
Whiskey's
Risky.

One can pay too high a price even for money.

"There is, that withholdeth more than is meet, and yet tendeth to poverty."—*Soloman, on advertising.*

A. B. Salom in New York Farmer says: "The philosopher, who said 'figures can not lie,' probably overlooked female figures."

It is asserted that not more than five per cent of the men who start in "business" succeed. Certainly, an occasional failure, should not deter men from entering the ranks of pure blood live stock breeders.

That old classic, "Abou Ben Adhem," was being read in the schoolroom.

"And lo, Ben Adhem's name led all the rest," the teacher finished impressively.

A twinkle was plainly visible in the eye of the incorrigible. "Well, what do you think of it, Jack?"

"Dead easy! O' course his name led all the rest if the angel kept the books alphabetically!"

At a public school one of the boys in a class had committed some infraction of discipline. The teacher announced that he would thrash the whole class if some one did not tell him who had committed the offense. All were silent, and he began with the first boy and thrashed every one in the class until finally he reached the last one. Then he said:

"Now, if you tell me who did this I won't punish you."

"All right, sir," responded the boy, "I did it."

HOLSTEIN-FRIESIAN WORLD

C. G. BROWN, Editor and Publisher
ITHACA, N. Y.

A Journal for the Holstein Breeder, the Dairyman, and the General Farmer.

Entered at the Ithaca (N. Y.) post office as second class mail matter.

Issued the 1st and 15th of every month.

C. G. Brown, - - Editor and Publisher.

Subscription price One Dollar per year in advance. Three years to one subscriber for $2.00; five years for $3.00.

The date on the yellow mailing tag attached to the wrapper of each paper, indicates the time to which subscription is paid.

We do not stop papers without being notified to do so.

Advertising rates sent on application.

Illustrations, when furnished, will be inserted free of charge. Cuts procured at cost when desired.

Remittances should be made by draft, postoffice or express money orders. Money orders and drafts hould be made payable to the

HOLSTEIN-FRIESIAN WORLD,
ITHACA, N. Y.

Office of publication, 304 Chestnut St., Ithaca, N. Y.

All matter for publication must reach the editor by the 8th and 24th of the month to insure appearance in current issue.

Members of the Faucities of all Agricultural Colleges, and Experiment Stations; all subscribers, and anyone having anything of interest to the readers of this Journal, are invited to contribute to its columns.

Special Offers. The Holstein-Friesian World to one subscribers one year for 50 cents. Old subscribers may renew as follows:

One renewal and one new subscription $1.00.

One renewal and two new subscriptions $1.30.

One renewal and three new subscriptions $1.50.

Thus for three new subscriptions one renewal is given free.

These special offers are made for the express purpose of extending the circulation of this paper. To all subscribers who for any reason cannot assist in this campaign, we will say that there is a standing offer at the head of this column of three years to one subscriber for $2.00; five years for $3.00. Breeders' Directory $1.00.

Computing Feed Rations. A breeder writes the World: "We are getting a few cows ready to test, and knowing you have had lots of experience thought perhaps, you could give us some suggestions for preparing a proper ration. We ahve on hand, or can procure readily, corn, cotton seed and oil meal, wheat bran, ground oats, gluten and Ajax flake, corn silage and roots."

Believing that this subject will be of general interest, we will dicsuss the matter briefly in the World.

Our first suggestion to every feeder is to procure Cornell Bulletin 154, which gives the analyses of all the leading food stuffs. Wolf's standard is the one in general use. This proposes 25 lbs. of dry matter as a sufficient quantity for a cow weighing 1000 lbs. to be increased proportionately for larger cows. Of this 25 lbs. of dry matter about one-third should consist of concentrates, two-thirds of roughage. The feeds used should be combined so as to give a nutritive ratio of 1:5.5, i. e. one part of protein to 5.5 of carbo-hydrates. Let it be understood that this ration is designed as the best for a regular feed ration, and not for the special purpose of a short-time milk test. Even this is supposed to be varied in quantity to fit the needs of individual cows. It is well known that feeders make a much narrower ration when feeding for milk tests, but let us prepare a ration on the above plan from the feeds enumerated above.

We would select the foods and arrange them in a column with the dry matter, protein and carbo-hydrates opposite each also in columns. Then foot up the column of dry matter and see how much we have, and vary the ingredients, being careful to keep the concentrates and roughage in about the proportion of 1:2, until our dry matter contains about 25 lbs.

Feeds	lbs.	D. Mat.	Pro.	Car.-hy.
Corn silage	40	8.40	.360	5.160
Clover hay	8	6.80	.544	3.168
Ground oats	2	1.78	.184	1.136
Wheat bran	2	1.76	.244	.906
Gluten	2	1.76	.644	.936
Oil meal	1	.90	.282	.464
Ajax Flake	2	1.84	.496	1.104
Corn meal	2	1.78	.158	1.528
Total		25.02	2.912	14.402

Here we have a ration containing 25.02 lbs. of dry matter with 8.04 lbs. of concentrates, which is about right, and dividing our carbo-hydrates by the proteids find we have a nutritive ratio close to 1:5, which, is a little narrower than the Wolf standard, but which we think woud prove a very good ration.

Roots have been left out as I do not consider it necessary to feed both silage and roots, but would use roots in place of part or all the silage if the cow preferred them. Cotton seed meal could be substituted for the gluten if preferred.

Now, for test purposes I would take 100 lbs. each of ground oats, wheat bran, glutten, Ajax flake and corn meal, with 50 lbs. of Oil meal, which is in the proportion given above, and mix them thoroughly, and I would commence feeding about 8 lbs. of this mixed feed per day with 40 lbs. of silage and 8 lbs. of clover hay and gradually increase the mixed feed, not to exceed one lb. per day, diminishing the silage and hay accordingly. I would continue this until no more will be taken.

The danger lies in increasing the grain ration to rapidly, but, if time enough is taken, and the ration increased slowly enough, there is very little danger of a cow "getting off her feed." A half pound increase per day for some cows would be better.

Cows fed in this way have been known to consume 40 lbs. of concentrates and not "go off their feed," while others will not consume over 15 or 16 pounds.

The Dairy Herd. Bulletin No. 25 of the Cornell Reading Course for Farmers is by Professor H. H. Wing, and takes for its subject The Dairy Herd. It is an interesting paper throughout, but we consider Part 2, "Grading up the Herd," especially interesting as the method of procedure advocated, differs widely from those in common practice.

It is argued that since it is desired to improve the common stock by means of a pure bred sire, the selection of offspring should not necessarily be from the so-called best cows, but from those that show greatest variation, those most susceptible to improvement under improved conditions. It is pointed out that cows that show greatest variability are less likely to be prepotent than those with more stable characteristics, and that this being the case, the offspring of the former are more likely to reproduce the characteristics of the pure bred sire than the offspring of the latter more prepotent cows.

It is stated that where the principles outlined above have been carefully carried out it is not uncommon to find an increase of fully fifty per cent in the average production of half-blood cows over their common mothers.

It is also pointed out that in the second generation the three-quarter bloods show less uniformity in improvement than was shown by the half-bloods, due to a tendency to revert to the characteristics of their common grandmothers. To offset this tendency inbreeding is advocated. In fact the Bulletin squarely states that "in a majority of cases, the very best bull to breed to a lot of high quality, uniform, half-blood heifers, is their own sire," since he is the animal most likely to be prepotent over this tendency to reversion.

A specific case is appended illustrative of this method of "breeding up." The numbers under each animal refer to the yearly record of pounds of fat. The letters designate the sire.

	1st generation	2d generation	3d generation	4th generation
Original cow 225	First, sire A 161	Fourth, sire A 342	Fifth, sire B 356	Eighth, sire C 406
			Sixth, sire B 412	
			Ninth, sire C 313	
	Second, sire A 272			
	Third, sire A 384	Seventh, sire B 310		
		Tenth, sire C 371		
Average, 225	272	341	360	406

The Hunt Sale. C. F. Hunt's 4th annual sale, which was brought off at Syracuse April 20th, was surely his banner sale. The cattle were all in the pink of condition, and between 200 and 300 breeders contended for the prizes.

The selling commenced promptly on time, and at 1 p. m. thirty animals had been sold, when an adjournment was taken for lunch. This was served in the ring by Mr. Hunt, being passed around to the crowd in bushel baskets. Hardly anyone left the barn.

After lunch the bidding was more spirited, the interest culminating when the imported three year old heifer, Dinah 4th, was brought into the ring. This heifer is not only a beauty, but made a record as a two year old of 17 lbs. and 4 ozs. of butter in seven days. It was certain that a number of breeders had decided to own her. This was manifestly imposible, and she was finally struck off to E. H. Knapp of Fabious at $350. Mr. Knapp is now the proud possessor of undoubtedly the finest imported 3 year old heifer in America. Douwe XV. an imported two year old was secured by C. P. Stevens of Loon Lake, N. Y. at $305, but the sales are all listed below. Fifty-five animals sold, including calves, brought $8,575, an average of $155.

The cows offered by W. W. Cheney were an exceptionally fine lot. Ruby Terpstra 2d brought the top figure for full aged cows. Joseph Brands of Brookview, N. Y. secured her at $300. The ten head sold by Mr. Cheney brought $1,685, an average of $168 per head. List of sales next issue.

New Advertisements.

Grenell's is the place to buy your seed corn—See announcement.

A son of Paul Beets De Kol, this time for $47.50. Jarvis Brothers.

If you want a bull out of an A. R. O. daughter of De Kol 2d's Paul De Kol, see what W. L. Keyes has to say.

If you want calves sired by Sarcastic Lad, or 20 lb. cows bred to the World's Fair Champion Bull, write to Geo. C. Mosher.

If you are looking for a position, read Dr. Cady's want ad. He is looking for a man capable of filling a good, paying position.

Note the capacity and power, and other points of superiority of the "Ohio" Self Feed Blower Ensilage Cutters, advertised by the Silver Manufacturing Co., Salem, Ohio.

Now is the time to purchase a supply of feed for next winter. The "Elmco" feed are sold on guaranteed analysis. Write the Listman Mill Co., and get their prices before buying.

E. H. Knapp's change of ad shows you a half tone of that great cow, Katy Spofford Corona, who shows the prepotency of old De Kol 2d. Mr. Knapp has this kind of stock for sale.

Those of you that have two, and three year old heifers that you wish to exchange for cash, look up the Want ad of Archie Stone. He has cash to exchange for heifers, if of the right sort.

EXCELSIOR REVOLVING STANCHION.
Warranted the best. **30 days trial.** Can be returned at our expense if not satisfactory.
The Wasson Stanchion Co.,
Box 20. - - Cuba, N. Y.

HILLHURST FARM
Must reduce to pasturing capacity. **WE ARE BREEDERS,** buy of us and SAVE THE MIDDLE MAN'S PROFIT. Registered Holstein cows and heifers with superior breeding and individuality, bred to one of the best bred bulls in the country. Exceptionally well bred male calves, fine individuals, ONE-HALF ACTUAL VALUE. Write wants. **HILLHURST FARM,** Rivenburgh Brothers, proprietors, **ONEIDA, N. Y.**

WELL DRILLING Machines
Over 70 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock Mounted on wheels or on sills. With engines or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.
WILLIAMS BROS., Ithaca, N. Y.

FOR SALE---Yearling Bull
Calved March 29th 1904.
Sire—Junior DeKol.
Dam—Lady Irene of Woodland.
Dam and grandam have official records that average 19.6 lbs. butter in seven days, good size, nicely marked, about one-half black and one-half white. Also two Bulls of equal breeding, to make room.
RIDGEWAY STOCK FARM,
C. W. Loomis, Proprietor,
Ogdensburg, N. Y.

NEED ANY COWS?
When You do, Buy Good Ones.
WE HAVE FIVE FOR SALE.
Neah's Mercedes 3rd is in the lot, A. R. O. record 62 lbs. milk in 1 day, 417.24 lbs of milk, 17.02 lbs. of butter in 7 days, 14,943 milk last year.
Her Bull Calf
born March 2nd, 1905, sired by Aaggie Cornucopia's Paul DeKol.
Other bull calves from dams that have averaged over 40 per cent. fat officially.
If you are interested, we would like to hear from you.
Gardner & Misner,
Centerville Station, N. Y.

If you want young cows, or a yearling bull out of Beryl Wayne's Paul De Kol, Butter Boy 3d, or De Kol Burke and an A. R. O. cow, look up the advertisement of Richard Hicks, in this issue.

Look at the offerings and prices quoted by H. L. Bronson. Large record A. R. O. cows; royally pedigreed bulls; heifers bred to, and calves sired by Aaggie Cornucopia Pauline Count and Mercedes Julip's Pietertje's Paul, etc.

Nineteen pound three year olds are scarce, but R. F. Coe is offering one for sale. Why should anyone use a nondescript bull when they can buy a son of Lilith Pauline De Kol Beryl and an A. R. O. cow for $25? You can get them at just this figure of R. E. Coe.

Official Records of Holstein-Friesian Cows from March 30 to April 7.

During the period from March 30th to April 7, 1905, records of thirty-nine cows were confirmed.

Thirty-eight made seven-day records soon after calving that averaged as follows; twelve full-age cows; age 7 years, 1 month , 17 days; days from calving 16; milk 471.3 lbs., quality 3.17; fat 14.853 lbs.; three four year olds; age 4 years, 6 months, 16 days; days from calving 64; milk 444.9 lbs., quality 3.39; fat 15.003 lbs.; nine three year olds; age 3 years, 6 months, 18 days; days from calving 24; milk 427.5 lbs., quality 3.26; fat 13.971 lbs.; fourteen classed as two-year-olds; age 2 years, 2 months, 5 days; days from calving 45; milk 298.4 lbs., quality 3.38; fat 10.063 lbs. The quality of milk of these records ranged from 2.68 to 4.05 per cent. fat.

Four thirty-day records were confirmed. The largest thirty-day record was made by a cow aged 5 years, 3 months, 18 days; milk 2,336.4 lbs., quality 3.19; fat 74.493 lbs.; second by a cow aged 8 years, 6 days; milk 2,040.7 lbs., quality 3.24; fat 66.067 lbs.: third by a cow aged 3 years, 7 months, 19 days; milk 1,889.5 lbs., quality 3.37; fat 63.699 lbs.; fourth by a cow aged 6 years, 1 month, 7 days; milk 1,750 lbs., quality 3.36; fat 58.789 lbs.

A sixty-day record was confirmed; age of cow 5 years, 3 months, 18 days; milk 4,452.4 lbs., quality 3.16; fat 140.597 lbs.

A seven-day record was confirmed made 245 days after calving; age of cow 6 years, 6 months, 23 days; milk 285.1 lbs., quality 3.12; fat 8.890 lbs. (Her earlier record; milk 510.5 lbs.; fat 16.110 lbs.) Her average product per day in the earlier record was 72.9 lbs. milk containing 2.301 lbs. fat; her average product per day in the later record was 40.7 lbs. milk containing 1.270 lbs. fat These figures indicate a probable product of 14,256.8 lbs. milk containing 448 lbs. fat from her date of calving to the close of her last record, a period of 251 days.

From April 7 to April 14.

During the period from April 7th to 14th, 1905, records of forty cows were confirmed.

Thirty-nine made seven-day records soon after calving that averaged as follows: Eleven full-age cows; age 6 years, 4 months, 5 days; days from calving 18; milk 436.9 lbs., quality 3.49; fat 15.165 lbs. Four four-year-olds; age 4 years, 4 months, 14 days; days from calving 23; milk 411 lbs., quality 3.35; fat 13.754 lbs. Eight three-year-olds; age 3 years, 4 months, 14 days; days from calving 16; milk 401.5 lbs., quality 3.52; fat 14.167 lbs. Sixteen classed as two-year-olds; age 2 years, 1 month, 3 days; days from calving 29; milk 288.3 lbs., quality 3.41; fat 9.833 lbs. The largest in the full-age class was 588.3 lbs. milk, quality 3.66; fat 21.520 lbs. A cow aged 3 years, 11 months, 7 days at date of calving produced 450.4 lbs. milk, quality 4.3; fat 19.359 lbs. A heifer calving at 1 year, 9 months, 29 days old produced 267.4 lbs. milk, quality 4.46, fat 11.938 lbs.

Four thirty-day records were confirmed. The largest was made by a full-age cow; she produced 2,649.1 lbs. milk, quality 3.29; fat 87.025 lbs. A heifer 2 years, 5 months, 15 days old, commenced a record 153 days after calving, in thirty days produced 1,589.5 lbs. milk, quality 3.38; total fat 53.696 lbs.

Five made fourteen-day records. Two heifers a few days past three years at date of calving averaged 852.7 lbs. milk containing 31.355 lbs. fat.

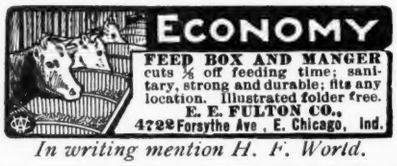
A seven-day record made subsequent to eight months after calving was confirmed. This cow was 3 years, 13 days old at date of calving; her first record averaged 62.4 lbs. milk and 2.061 lbs. fat per day. She closed her last record 322 days after calving. She then averaged 35.6 lbs. milk containing 1,272 lbs. fat per day. The probable product indicated by these records, made nearly eleven months apart, is 15,778 lbs. milk containing 536.6 lbs. fat.

A Bull Calf out of a daughter of DeKol 2nd's Paul DeKol, who's record and sire's dam's record, average over 21 lbs. **Cheap,** if taken at once. Correspond with

W. L. KEYES, Deerfield, N. Y.
He can tell you more.

Sample Basin Sent
On Approval
Send for Catalogue and Price List.
F. W. CHACE,
Sherman, N. Y

SEVERAL young Cows, some with a 20 lb. record. 3 Yearling Bulls, ready for service 3. A son of Beryl Wayne's Paul DeKol and DeKol Manor Beets, with a record of 18 lbs. at 22 months. A son of Butter Boy 3rd and Hengerveld DeKol Pietertje, with a record of over 16 lbs. A son of DeKol Burke and a cow that also has a record of 16 lbs. A.R.O in 7 days.
RICHARD HICKS, R. 5, Auburn, N. Y.



In writing mention H. F. World.

Home Circle.

The Farm.

It was just a plain old farm house,
But the dear old place I knew
Seems a palace now, for distance
Lend enchantment to the view,
And tonight, through rosy glasses
Once again the scene I see,
Of those careless days of boyhood,
Ah! so dear, so dear to me.
I can hear the low, soft murmur
Of the gentle summer breeze,
Just outside my attic window,
Mid the branches of the trees,
And, in fancy I imagine,
Once again beneath the shade
Of those trees, that I am playing,
As in bygone days I played.
I can hear the reapers singing,
At the cradle, far away
In the wheat-field, and the laughter
Of us children at our play.
By the odor of these lilacs,
In the vase beside me here,
The old place is silhouetted
Right before me, strong and clear;
And this sprig of honeysuckle,
With its old-time sweet perfume,
Brings a hundred scenes and faces
Close beside me in the room.
Dreams. The noises of the city
Faintly fall upon my ear,
And the sound dispels the vision
Of the old farm-life so dear.
Ah! the old farm. It was humble,
But each blade of grass possessed
Charms for me that helped to make it,
Of all spots on earth, the best.

L. C. BISHOP.

Selections.

In matters of religion, it too often happens that belief goes before examination, and we take our creed from our nurse, and not our conviction.

—Colton.

In religion;
What dammed error, but some sober brow
Will bless it and approve it with a text
—Shakespeare.

Milan, the Paris of Italy.

By J. B. Wilson.

I visited several other churches but they are all alike in most respects. All have some wonderful relics in their crypts and treasures, and other catch devices, from which they get their graft. In the church of St. Ambrogio, they have an altar the front being made of

Lakeside Herd.

E. A. POWELL, successor to Smiths & Powell Co., Syracuse, N. Y., offers
SPECIAL BARGAINS
on cows and heifers soon to freshen, yearling heifers and heifer calves; also yearling bulls and bull calves by very noted sires and from dams with official butter records of 20 lbs. or more.
A RARE CHANCE. QUICK SALES: SMALL PROFITS.

gold plates and the sides with silver plates, gems and little bas reliefs. They asked five francs to see this barbaric show set up in honor of a poor homeless beggar, and I wouldn't pay it. The underground chapel contains the bodies of three saints. These are shown (like St. Anne's bone in New York), to the people, only twice a year, at which time all the sick get cured. Graft! graft! graft!

In an old convent adjoining the church of St. Maria delle Grazie, is the celebrated fresco, "The Last Supper," by Leonordo de Vinci. Jesus and his apostles are all sitting on one side of a rude table. When people feast they generally sit all around the table. Jesus, of course, is the center or star attraction, painted with the radium oozing out of him. On his right is St. John, who looks like a woman and is reverently bowing his head. I never could understand why Leonardo gave the rest of the disciples such tough looking mugs, and why he painted St. John as looking like a buxom, big busted voluptuous blonde. But John was "the best beloved," you know. Well, at last I had seen the original of this wonderful picture. It is about 15 by 20 feet, and painted on a wall. It has suffered from exposure, and in places is almos obliterated. It hasn't any merit and never did have any. The picture you see in steel cuts is only a restoration. The prominence of the picture is due to De Vinci being the artist, and that he was first to conceive and paint this subject. It is about on a par with the "uncorrupted saints," and "St. Anne's bone." Catholics take up any crazy old painting and make a big hulla-ba-loo over it, and the fool Protestants imagine it must be something great, and but in at once and buy it. I expect that the traffic in this old daub would foot up two or three million dollars, or more.

It will be a matter of information to know that Protestantism is making headway in Italy.

There are two Jewish congregations, the Wesleyan Methodist, Church of England, Wesleyan Christian, Methodist Episcopal, Valdese Evangelical, Italian Evangelical, The Christian Church of the Brethern, and the British and Foreign Bible Society. All these establishments indicate the growing spirit of tolerance and the gradual disintegration of the old superstition. There are also some charitable institutions. The Swiss, German and French residents have formed beneficial societies, and the municipal government is founding orphanages and homes for the aged.

The church in America boasts of her charity, beggar that she always is. She manages to keep up her institutions because she is competing with Protestantism. Here in Italy she never did any thing for charity nor founded institutions of any kind. She herself was the great object of charity. Now she will have to keep up with Protestantism and the state or lose out on the charity trick. I don't see how she is going to do it, as she has a hard time to live as it is, and people are getting on to her racket. She might, in a pinch, sell some of her crowns, jewels and gold altars.

I will not have space to tell you of every place of interest I visited, but will just mention a few. I was in the living or bed room of the late Composer Verdi, which contains all of his personal belongings. Ah! this to me was a shrine. Here was harmony, rest and peace. If there is any music in the world, which, more than another, inclines me to the belief in another life, it is Verdi's Miserere, from the opera of the Trovatore. It does not seem to be music of this life. When I hear it, I stop all other thought and as I listen, it seems to me, that it is a voice, a soulful symphony of some departed love or friend stealing out of the mysterious void, returning to the habitations of its old time world affections.

Of course I visited all the museums and art galleries, the "Brera Academy of Arts," being the finest. It is nearly all of the sacred character, mostly superstitious daubs. No human being, having the love of life and the beautiful in his soul would want to go to a heaven, having such inhabitants, as these old masters painted. Of course there is some very fine art to be seen. The monument to Leonardo De Vinci, in the Piazza della Scala is perhaps the finest piece of sculpture. The arcade is the largest in the world. It is in the form of a cross, running two squares each way. In the center is a dome 180 feet high. Its interior is finished in marble and decorated with numerous pieces of sculpture and painting. It is almost as great a wonder as the cathedral.

Continued in next issue.

Transfer List for the Week Ending April 8, 1905.

COWS.

Bewunde's Aaggie's Sunbeam, Cherryvale De Kol, Ina Tritom 3d's De Kol, Miss De Kol Perfection, from Harvey S. Day to R. C. Reed, Howell, Mich.

Bawn Buckeye 2d, Bellewood 2d's Maid, Netherland Soso Lady, Zippo 3d, from J. W. McKown to Geo. S. Loucks, Scottdale, Pa.

Black Beauty Vastal, Daisy De Kol of Hamilton, Daisy De Kol Wilhelma, Norma Pietertje, from Mrs. C. R. Payne to Stevens Bros.-Hastings Co., Lacona, N. Y.

Brookside Neah De Kol, Brookside Soldene Maid, Golden Queen De Kol, Musa Pauline De Kol, from W. H. Davis to E. C. Brill, Poughquag, N. Y.

Alma Kuperus De Kol Pietertje, Alma Kuperus Johanna, Alma Pietertje H. K., Alma Pietertje K., Cinderella Pietertje De Kol, Lucinda De Kol, Lucinda P., Lucinda Pietertje De Kol, Nancy Hengerveld De Kol, Nancy Pietertje, Nancy Pietertje Clothilde, from O. R. Cole to G. C. Cole, Solsville, N. Y.

Edith Prescott Johanna, Johanna Aaggie Imperial Sarcastic, Johanna Aaggie Netherland, Johanna Aaggie Prescott, Johanna Electa Bonheur, from Est. of Elba S. Talbot to M. J. Flynn, Burlington Flats, N. Y.

Alma Marie De Kol, Ama Aconeth De Kol Houwtje, Corinne May Pietertje Netherland, Houwtje E. M. Pietertje De Kol, Johanna Echo De Kol, Zipsy Johanna De Kol, from M. S. Campbell to W. R. Gates, Ft. Atkinson, Wis.

Clothilde Bedford Alpha, Friedericka Annie Clothilde, Maid of Clothilde, Mercedes of Clothilde, No. 20 of Earl of Clothilde, Princess Bedford Clothilde, from L. N. Fairbanks to Worcester Insane Hospital, Worcester, Mass.

Hattie Muzzy De Kol, Mechtchilde Black Beauty, Phillips De Kol Mechtchilde, Phillips Mechtchilde Echo De Kol, from Geo. N. Phillips to M. W. Stark Tunkhannock, Pa.

Echo Ralmer, Floy Herbert, Mabel Clifden, Mittie 2d's Marie, Mittie 2d's Mary, Pirtie's Helen, Pirtie's Helen 2d, Sadie Mercedes Bettina, Sallie Scholton, from G. Breed to J. H. Coolidge & Son, Galesburg, Ill.

Amleto Duchess, Clothilde Roxy Beauty, Gem Mercedes De Kol, Gem Netherland De Kol, from Jacob C. Gulick to Jacob G. Drake, Somerville, N. J.

Echo Mercedes Bettina, Ethel Mercedes Echo, Lady Clifden 2d, Queen Mercedes, Rory Clifden, from G. Breed to G. A. Hindes, Rockford, Ill.

Alvina Clifden, Clara Clifden Bettina, Mitt Clifden, Pirtie Bettina, Rory Bettina, from G. Breed to Jas. Hunt, Ottawa, Ill.

Alida Gorter 5th's Bess, Nathan C. Williams to Sarah L. Blackman, Wellsville, N. Y.

Aaggie Catrina Pietertje, Est. of Elba S. Talbot to Jarvis Bros. Cooperstown, N. Y.

Abbie B. 2d, B. K. Graves to Gilman Brath, St. Johnsbury, Vt.

Agatha Nudine Clothilde De Kol, J. A. Ward to F. E. Yoder, Goshen, Ind.

Agnes Lucelia, H. Merle Bottum to W. C. Mason, Pawlet, Vt.

Agnes Lucelia Serida, W. C. Mason to John Moore, Pawlet, Vt.

Akkrummer Pietertje 2d, J. Rust to C. A. Schroeder, West Bend, Wis.

Albino Artis Clothilde, Merritt Wilcox to J. R. Hathaway, Homer, N. Y.

Alida Gorter 5th's Beauty, Nathan C. Williams to Sara L. Blackman, Wellsville, N. Y.

A & G Aaggie Wayne Pauline, Wm. N. Landon to W. W. Cheney, Manlius, N. Y.

Barbetta Beauty Colanthus, John J. Bergin to A. C. Demerit & Son, Lake Mills, Wis.

Beauty Hengerveld, L. H. Myers to Herbert Collins and Herbert Collins to Oscar Fish, Conneautville, Pa.

Beryl Wayne Aaggie Grace, Stevens Bros. to Henry Stevens & Son, Lacona, N. Y.

Bessie Hartog De Kol Pietertje, T. Shelton to E. J. Stanton, Poolville, N. Y.

Bessie Pietertje De Kol, Thomas Shelton to Lamb Bros., E. Hamilton, N. Y.

Betty Finesse 5th, D. H. Burrell & Co. to Harvey Gramfs, Fort Plain, N. Y.

Black Rnona, N. A. Briggs to S. E. Atwater, Cleveland, Ohio.

Calamity Maid, A. H. Moore to Henry W. Underhill, Jericho, N. Y.

Castle Fin De Kol, W. C. Platt to A. S. Worden, Ulysses, Pa.

Christie Donaldson H., J. I. Wilber to B. F. Bliss, Chagrin Falls, Ohio.

Clothilde Artis Hinke 2d's De Kol, Chas. Howell Cook to A. C. Bellis, Ringoes, N. J.

Clothilde Belle 2d, John V. Huff to J. G. Drake, Somerville, N. J.

Colantha De Kol Bodera, W. W. Cheney to A. R. Dwelly, Manlius, N. Y.

Countess Finderne De Kol, J. E. Roberts to J. H. Studdiford, South Branch, N. J.

Crissie Netherland Pauline, Edw. J. Chaffee to E. A. Deming, Sharon, Conn.

Daisy De Kol 2d's Pietertje, H. L. Bronson to Otto L. Ives, Guilford, N. Y.

Daisy Frisia De Kol, Copeland & Peck to Robt. G. Shaw, Brookline, Mass.

Daisy Midget De Kol, Copeland & Peck to Robt. G. Shaw, Brookline, Mass.

Daisy Ray 3d, J. G. Paxton to R. S. Caldwell, Hickory, Pa.

De Kol Aaggie Pietertje, M. D. Firman to Morris A. Quinn, No. Norwich, N. Y.

De Kol Cornelia A., A. H. Moore to Smith Upton, Lagrangeville, N. Y.

De Kol King Netherland Maid, Geo. W. Berry to Geo. W. Lamb, East Hamilton, N. Y.

De Kol Perfection C., Fred Dixon to Fred Manro, Auburn, N. Y.

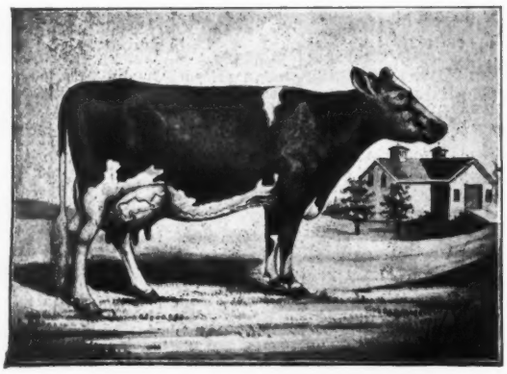
Delia Pauline Withoorn, H. Merle Bottum to Frank W. Berry, New Gloucesster, Me.

Delilah Maid, C. F. Bennett to E. S. Akin, Scipio, N. Y.

GREENWOOD STOCK FARM HERD.

Another World's Record Scored at Fabius, N. Y., Greater Than Before, by Katy Spofford Corona's Son

All The Leading Families



KATY SPOFFORD CRONOA.

He now has 8 A. R. O. daughters, average age 2 yrs. and 2 days, every one goes in with a good record, that is old enough to freshen. We believe that **No Other Bull,** living or dead, ever had **8** daughters in the advanced registry before his 4th birthday. His FIRST CALF at 2 yrs. 1 mo. 13 da. produced 14 lbs. 8.4 oz. 80 per cent. butter in 7 days. His dam STILL holds the WORLD'S OFFICIAL RECORD 590.65 lbs. of milk, 26.02 lbs. of butter in 7 days. All other records have been broken during the past 5 years. The **3** greatest cows, DeKol 2nd, Netherland Hengerveld and **Katy Spofford Corona** proof of the get of the sons containing a large per cent of their blood. **11** cows in this herd with official records that average over 20 lbs. butter in 7 days; also 13 of their daughters. **15** cows that average 19 lbs. **32** in all with large A.R.O. records, including Dinah 4th, the best imported heifer in America, with her official record of 17¼ lbs. of butter in 7 days, at 2 years, average per cent fat 4.17.

Write us for anything you want in first-class stock.

Service bulls and bull calves, that will be sure to improve your herd.

E. H. KNAPP & SON, Fabius, N. Y.

Durke De Kol Colantha, N. F. Sholes to Lamb Bros. and from Lamb Bros. to H. A. Moyer, Syracuse, N. Y.

Durkje Leaflet, L. H. Corning to J. A. Ranney, Cortland, N. Y.

Early Dawn Autumn, Sara L. Blackman to Wm. S. Emerson, Alfred, N. Y.

Eleanor Princess Pietertje, F. M. & H. M. Tiffany to John Gerin, Auburn, N. Y.

Eleanor Topsy Pietertje, F. M. & H. M. Tiffany to John Gerin, Auburn, N. Y.

Ella De Kol Mechthilde, S. S. Clark Est. to H. W. S. Knox, Canton, N. Y.

Elsa Korndyke Netherland De Kol, C. W. Ellis to W. T. Suter, Riverside, Pa.

Emma Gorter 2d, Nathan C. Williams to Sara L. Blackman, Wellsville, N. Y.

Fall Breeze De Kol, H. S. Kleckner to John G. Keister, Orangeville, Ill.

Fay Folly, W. B. Smith & Son to C. M. Nonweiler, Boonville, Ind.

Flora Genesta, M. L. Thomas & Son to M. L. Thomas, Rutland, Vt.

Fraulein Duchess, C. C. Briggs to S. E. Atwater, Cleveland, O.

Freka's Genesta, M. L. Thomas & Son to M. L. Thomas, Rutland, Vt.

Friedericka De Kol, August Winter to Herman Heitritter, Boyden, Iowa.

Garcia Mooi, H. D. Risley to U. G. Carpenter, Randallsville, N. Y.

Gem Ritje Amherst Belle, M. T. Allen to Ole Borgen, Amherst, Wis.

Geneveive Maud De Kol, Briggs Bros. to S. E. Atwater, Cleveland, Ohio.

Goddard Pet, C. P. Peck to Robt. G. Shaw 2d, Brookline, Mass.

Hartog Paulette, Est. of W. A. Ward to Judson H. Clark, Elmira, N. Y.

Henrietta Parthenea Belle, James T. Jewell to H. A. Robinson, So. New Berlin, N. Y.

Hilda Derol, Barstow Bros. to Mrs. H. H. Welch, Earlville, N. Y.

Holly Spray, W. B. Smith & Son to G. R. Johnson, Mt. Carmel, O.

Howland Appoline, Eastnope & Biery to Sam'l Kobel, Canfield, O.

Howland Fancy, Easthope & Biery to Sam'l Kobel, Canfield, Ohio.

Howland Queen, Easthope & Biery to Sam'l Kobel, Canfield, Ohio.

Hulda Ann, Wm. F. Martin to M. W. Brockway, Pierpont, Ohio.

Ida Bawn 2d, L. B. Roice to Esther A. Horr, Wellington, Ohio.

Impatience of Snodes, C. Martig to John Warren, No. Benton, O.

Isely Helena, E. W. Burdge to D. H. Fuller, Scio, N. Y.

Jennie De Kol, M. L. Thomas & Son to M. L. Thomas, Rutland, Vt.

Jetske Artis De Kol Posch, H. D. Roe to A. J. Daugherity, Streator, Ill.

Jewel Johanna De Kol, A. J. Baltz to Stevens Bros.-Hastings Co., Lacona, N. Y.

Johanna Clothilde Aaggie 2d, S. W. Faville, to Wm. Everson, Lake Mills, Wis.

Jolie J. Butter Boy, G. H. Greaves to F. L. Houghton, Putney, Vt.

Kantje Palmar Glory, T. J. Barmore to Newman & Klossner, Juda, Wis.

Kiatta Mutual Friend, Wm. O. Jackson to Pennock Spencer, Landenburg, Pa.

Kitty Nudine 5th, J. A. Ward to F. E. Yoder, Goshen, Ind.

Kitty Nudine Clothilde De Kol, J. A. Ward to B. Stutsman, Goshen, Ind.

Kor Twisk, E. J. Burrell to Harvey Gramfs, Fort Plain, N. Y.

Lady Netherland Gerben Jewel, Jos. W. Barmann to John J. Leidy, Robinson, Kan.

Lady Pauline Pietertje Wayne, F. E. Williams to C. H. DeLano, Boston, Mass.

Laura Grace Pietertje, Edw. Kimber to Chas. D. Andrews, Camillus, N. Y.

Lucelia 3d's Maid, W. C. Mason to John Moore, Pawlet, Vt.

Lucelia Boss, H. Merle Bottum to W. C. Mason, Pawlet, Vt.

Lucelia Boss 2d, W. C. Mason to John Moore, Pawlet, Vt.

Lula Laura Colanthus, O. T. Howard to O. L. Howard, Whitewater, Wis.

Lucy Acton Clothilde, J. E. Durkee to Geo. E. Jones, Concord, Mass.

Mabel Hengerveld Pel De Kol, N. F. Sholes to H. H. Wickwire, Hubbardsville, N. Y.

Madeline Netherland, Est. of W. A. Ward to Judson H. Clark, Elmira, N. Y.

Madrigal May, Jacob Baumgartner to Fred Blumer, Monticello, Wis.

Madrigal Mercedes Lady, Jacob Baumgartner to Fred Blumer, Monticello, Wis.

Madzy Princess of Wayne, W. H. Webb to D. G. de Hoogh, Boyden, Iowa.

Maid Adeline, Jacob Imobersteg to Sam Werren, No. Benton, Ohio.

Margery Marie, Jacob Imobersteg to Sam Werren, No. Benton, O.

Marshland Boon Princess Pride, Alexis Padgett to Ivory R. Foster, Owego, N. Y.

Matilda of Prague 2d's Daisy, James Eglin to Frank P. Sutliff, Wellington, O.

Maud McD., N. A. Briggs to S. E. Atwater, Cleveland, Ohio.

Meg Merrilles 2d's Purity, Clarence E. Gifford to W. H. Dennis, Greenwich, N. Y.

Mercedes Terry De Kol, F. A. Beecher to John Jaquay, Poolville, N. Y.

Mittie Mary De Kol, G. Breed to J. H. Coolidge & Son and from J. H. Coolidge & Son to Henry Gieseking, Altamont, Ill.

Mollie De Kol Zoa, Bert E. Saunders to F. E. Saunders, Lincklaen, Ctr., N. Y.

Mollie Ormsby Mercedes, Niagara University to W. C. Hunt, Liverpool, N. Y.

Mottled Twisk 3d, D. H. Burrell & Co. to Harvey Gramfs, Fort Plain, N. Y.

Neilboer 3d, E. J. Burrell to Harvey Gramfs, Fort Plain, N. Y.

Nellie Elgin 2d, August Winter to Herman Heitritter, Boyden, Iowa.

Olivet Mercedes, O. J. Godfrey to Sam'l A. Miller, **Linden, Pa.**

Ophelia De Kol Countess, H. D. Risley to H. A. Moyer, Syracuse, N. Y.

Ophelia Queen May Etta, N. K. Myres to T. T. Goodyear, Sullivan, Ohio.

Papsty Pride, G. P. Lord to S. N. Wright, Elgin, Ill.

Parana De Kol Mercedes, A. H. Moore to Chas. Huestis, Moore's Mill, N. Y.

Pauline De Kol Pride, F. E. Williams to C. H. DeLano, Boston, Mass.

Pel Evertje De Kol 2d, Copeland & Peck to Robt. G. Shaw, Brookline, Mass.

Pietertje Beauty, Est. C. R. Payne to Mrs. C. R. Payne and from Mrs. C. R. Payne to Wm. Osborn, Hamilton, N. Y.

Pietertje Belle De Kol 2d, Don J. Wood to Clyde D. Mason, Richfield Springs, N. Y.

Pietertje Goudgeld Hamilton, Est. C. R. Payne to Mrs. C. R. Payne and from Mrs. C. R. Payne to Wm. Osborn, Hamilton, N. Y.

Queen Lisga, F. M. & H. M. Tiffany to John Gerin, Auburn, N. Y.

Queen Netherland De Kol Pearl, C. W. Ellis to W. T. Suter, Riverside, Pa.

Queen of Fort Hill Clothilde 2d, W. W. Cheney to A. R. Dwelly, Manlius, N. Y.

Queen of Locust Hill 2d, A. Hendrix to H. A. Robinson, So. New Berlin, N. Y.

Ramoua Maid Lady 2d, H. L. Stuart to Daniel Hopkins, Homerville, Ohio.

Ramoua Maid Lady Thibet, Daniel Hopkins to C. G. Long, Spencer, Ohio.

Ramoua Ruth Aaggie, San Joaquin Ice Co. to Kennedy & Owen, Fresno, Calif.

Ramoua Ruth Aaggie, Kennedy & Owen to W. C. Kennedy, Fresno, Calif.

Rhaitgundis Mercedes Molly Zell, Frank Myres to T. T. Goodyear, Sullivan, Ohio.

Rosa De Kol Aaggie, E. D. Morse to E. A. Deming, Sharon, Conn.

Rosa Piebe De Kol, August Stocker to W. P. Sweeny, St. Jacob, Ill.

Rosebud Galatia Princess, W. C. Hack to J. T. Hawley, Hartford, Conn.

Rosebud Spot, W. C. Hack to Mrs. F. A. Lane, Hartford, Conn.

Sarall G., B. K. Graves to Gilman Brath, St. Johnsbury, Vt.

Shadeland Idalia, Powell Bros. to C. M. Lamonte, Owego, N. Y.

Shadeland Idalia Pride, C. M. LaMonte to Alexis Padgett, Owego, N. Y.

Snowflake Netherland Queen 3d, T. J. Barmore to Newman & Klossner, Juda, Wis.

Soldene Noble, John E. Rowell to M. T. Carrigan and from M. T. Carrigan to Geo. E. Jones, Concord, Mass.

Stella Parthenea Mercedes 2d, Strafford Co. Farm to John Greenfield, Rochester, N. H.

Tina Pauline, Dr. W. N. Landon to W. W. Cheney, Manlius, N. Y.

Valley Farm Pauline De Kol, Don J. Wood to Jarvis Bros., Cooperstown, N. Y.

Van Friesland Pietertje Aaggie De Kol, H. H. Cobb to Gordinier & Stewart, Adams Center, N. Y.

Vashti Aaggie Countess, Wm. O. Jackson to Pennock Spencer, Landenburg, Pa.

White Daisy Pietertje, Frank M. Tiffany to John Gerin, Auburn, N. Y.

Winona Belle, E. J. Burrell to Ralph E. Simms, Little Falls, N. Y.

Winnie Lamb De Kol, Don J. Wood to Jarvis Bros., Cooperstown, N. Y.

Winsome Winnie, E. J. Burrell to Ralph E. Simms, Little Falls, N. Y.

Zala 2d, C. C. Briggs to S. E. Atwater, Cleveland, O.

Zozo Colantha Lady De Kol, J. W. Coley to Hiram Allard, Sheds, N. Y.

BULLS.

Aaggie Sir Josephine, J. H. Williams to T. J. Mull, Tulare, Calif.

Aaltje Akke, C. O. Ruste to Thomas Barton, Mt. Horeb, Wis.

Aaltie De Kol Clothilde, C. O. Ruste to I. B. Lund, Mt. Horeb, Wis.

Alexander Posch, W. W. Cornwall to A. J. Badger, Jamison Road, N. Y.

Aristocracy, Albert French to A. V. Snook, Lebanon, Ohio.

Billy De Kol Mechthilde, T. J. Barmore to John Holdeman, Monroe, Wis.

Official Records of Holstein-Friesian Cows.

39 Cows. From March 30 to April 7, 1905.

NAME OF COW AND OWNER.	Age. y.	m.	d.	Days from Calving.	Consecutive Days.	Milk. lbs.	Average per cent. fat.	Highest per cent fat.	Butter fat. lbs.
Duchess Piebe DeKol 52348, W. A. Matteson	5	3	18	43	7	601.7	3.10	3.6	18.668
				26	30	2,336.4	3.19	4	74.493
				16	60	4,452.4	3.16	4	140.597
Segis Aaggie Grace 2d 47677, A. W. Brown	6	9	7	21	7	479.8	3.37	3.8	16.156
Homestead Queen DeKol 42772, W. A. Matteson	8		6	17	7	484.2	3.33	4.8	16.138
				10	30	2,040.7	3.24	4.8	66.067
Aaggie Pauline Wayne DeKol 3d 62269, E. J. Tefft	5	6	13	9	7	430.3	3.65	4.4	15.707
Zwarte de Boer 72562, Chas. D. Pierce	6	10	17	9	7	520.4	2.97	3.8	15.431
Nannette Pledge Hengerveld 49618, H. D. Jones	6	1	7	21	7	442.6	3.42	4	15.144
				9	30	1,750	3.36	4	58.789
Aaggie Martin 42172, Chas. D. Pierce	8	10	15	16	7	446.1	3.24	3.7	14.465
Aafke 9th 72544, Chas. D. Pierce	7		17	14	7	527.3	2.68	3.8	14.122
Esther Clothilde Pride 53191, E. J. Tefft	5	1	9	11	7	487.5	2.77	3.5	13.486
Drogio Mollie 41274, M. S. Nye	9	2	14	13	7	384.2	3.40	4	13.079
				8	14	727.5	3.37	4.1	24.541
Gerbens 7th 72541, Chas. D. Pierce	6	9	15	6	7	380.9	3.41	3.8	12.998
Gladys Pauline 39744, H. D. Risley	9	11	6	15	7	470.8	2.73	3.6	12.837
Ignaretta DeKol 55793, Chas. D. Pierce	4	3	14	33	7	507	3.33	4.6	16.889
Wild West DeKol 56020, Chas. D. Pierce	4	4	8	24	7	463.9	3.20	3.7	14.858
Pride of Whittaker 2d 53664, R. C. Reed	4	11	25	134	7	363.8	3.65	4.4	13.263
				128	14	721.4	3.52	4.4	25.410
Daisy DeKol of Whittaker 61257, R. C. Reed	3	4	18	18	7	439.1	4.05	5.9	17.768
				12	14	811.8	4.11	5.9	33.362
Ruble DeKol Paul 59179, E. J. Tefft	3	11	15	11	7	415.9	3.75	4.2	15.595
				6	14	814.9	3.60	4.2	29.338
Homestead Gem Sadie DeKol 56696, W. A. Matteson	3	7	19	26	7	481.1	3.22	3.8	15.475
				7	32	1,889.5	3.37	4.1	63.699
Maud Stienstra 61334, R. C. Reed	3	1	7	41	7	462.1	3.34	4.4	15.444
				35	14	907.1	3.30	4.4	29.956
Pansy Pietertje DeKol 60021, H. D. Risley	3	11	3	16	7	467.1	2.91	3.9	13.611
A & G America Pauline 65515. Chas. D. Pierce	3		2	34	7	442.8	3.01	3.6	13.333
May Belle W. 61512, H. D. Risley	3	2	14	16	7	390.6	3.18	3.8	12.432
Magna Charta DeKol 59121, Est. of Elba S. Talbot	3	10	20	26	7	400.3	2.86	3.3	11.447
Edith Clothilde DeKol 59119, Est. of Elba S. Talbot	3	10	4	24	7	348.9	3.05	3.8	10.630
DeKol Paul Concordia 64765, M. S. Nye	2	8	19	20	7	501.2	2.96	4	14.846
				14	14	960.9	2.96	4	28.396
Orrice DeKol Bonheur 65808, F. G. Johnston & Co.	2		16	10	7	354.9	3.95	4.8	14.006
				10	15	774.6	3.64	4.8	28.209
Aaggie Grace Manor Queen 63101, W. H. Grenell	2	1	14	13	7	297	3.94	5.4	11.701
Lily Netherland Pauline 64002, A. W. Brown	2	3	1	21	7	327.7	3.43	3.8	11.238
Cornelia Pauline DeKol Calamity 68897, A. W. Brown	2		9	10	7	287.1	3.77	4.2	10.829
Aurora Piebe DeKol 66284, F. B. Fargo	2	3	18	13	7	282.4	3.80	6.45	10.732
Dot Monarch DeKol 61550, M. S. Nye	2	11	20	147	7	317	3.04	3.3	9.650
Gaza Aconeth Pietertje B. 63521, John W. Worthington	2	2	19	97	7	297.4	3.14	3.9	9.352
Hartog Mercedes DeKol 67496, F. B. Fargo	1	11	17	9	7	236.5	3.73	4.85	8.814
Wilhelmina DeKol Bonheur 65812, F. G. Johnston & Co.	1	11	2	43	7	245.5	3.45	5.2	8.481
Judy Model 2d 72801, Oneida Community	2	1	9	32	7	286.2	2.93	3.4	8.391
Brimsma DeKol Pauline 64209, E. J. Tefft	2	2	3	54	7	261.6	3.07	3.6	8.030
				48	14	505.6	3.08	3.7	15.568
Daisy Inka DeKol Vale 68446, M. S. Nye	1	11	13	21	7	224.2	3.34	4.5	7.493
Onda Dorothy Concordia Paul 67853, M. S. Nye	1	8	25	137	7	258.8	2.83	3.2	7.323
Records commenced at least eight months after calving.									
Barrington Daisy 47242, M. S. Nye	6	6	23	245	7	285.1	3.12	3.6	8.890
Earlier record 16.110 lbs. fat.									
Official Records from April 7th to 14th, 1905.									
Beauty Pietertje 53334, A. A. Hartshorn	5	4	1	9	7	588.3	3.66	4.2	21.520
				9	30	2,649.1	3.29	4.2	87.025
Tirania Yankee 2d 43596, E. S. Robinson	8		23	22	7	473.3	3.49	4.3	16.530
Pietertje Maid Melisse 51338, Fred F. Field	5	11	17	13	7	458.4	3.54	3.7	16.20
Aaggie Witkop Inka 55275, George T. McNeil	6	8	11	34	7	419.4	3.83	5.1	16.06
Princess Yankee Aaggie Rosa 50770, E. S. Robinson	6	1	4	14	7	385.2	3.94	5.1	15.16
Netta Pauline DeKol 53850, A. L. Williams	5	3	12	14	7	449.1	3.36	4.3	15.07
Tirania Yankee DeKol 50772, E. S. Robinson	6		17	6	7	344.9	4.29	6	14.78
Peggy D. 2d 47831, E. S. Robinson	7		8	17	7	471.9	2.89	3.6	13.64
Little Goldie 3d 48635, A. L. Williams	6		29	23	7	399.3	3.37	4.8	13.46
Olivet Mercedes 61557, O. J. Godfrey	6	3	7	45	7	406.5	3.00	3.5	12.19
Norma Clothilde Onyx 63205, Tibbits & Buck	6	11	19	20	7	409.6	2.97	3.2	12.17
Tirania Yankee 3d 58268, E. S. Robinson	4		18	38	7	401.7	3.74	5.2	15.00
Rose Bud DeKol 53583, L. L. Grow	4	9	9	38	7	451.8	3.24	3.7	14.61
Frances DeKol of Lakeside 57206, F. W. Allis	4	4	23	7	7	390	3.31	4.4	12.91
				7	30	1,630.6	3.23	4.55	52.66
May Ormsby Johanna 54727, A. N. McGeoch	4	3	5	7	7	400.5	3.11	4.8	12.47
Minnie Hark 58274, E. S. Robinson	3	11	7	22	7	450.4	4.30	6.8	19.35
Lilly Belle Walker 61511, A. A. Hartshorn	3	2	6	9	7	485	3.46	4	16.80
				6	14	954.5	3.44	4	32.84
				6	21	1,415.5	3.37	4	47.68

Abby Hartog Clothilde 62154, H. W. Hartshorn	3 1 12	12	7	384.6	3.99	4.8	15.342
		9	14	750.9	3.98	4.8	29.868
Lady Milly Mechthilde DeKol 66313, L. L. Grow	3 10 21	19	7	427	3.23	3.6	13.802
Kolistra 91667, L. L. Grow	3 4 6	16	7	419.1	3.06	3.4	12.813
Jessie Fobes Helena 62118, A. L. Williams	3 1 20	33	7	384.3	3.27	4.1	12.553
Princess Clothilde Mechthilde 60306, George T. McNeil	3 2 11	13	7	334.8	3.41	3.8	11.427
Alonica 61947, John B. Marcou	3 2 1	7	7	327	3.44	4.7	11.235
Mollie DeKol Pietertje 65909, A. A. Hartshorn	2 5	10	7	339.6	3.91	4.5	13.271
		6	14	658.7	3.86	4.7	25.452
Lillian Walker Pietertje 64169, A. A. Hartshorn	2 5 15	154	7	371.2	3.52	4.3	13.064
		153	30	1,589.5	3.38	4.3	53.696
Lilith Pauline Pietertje Hartog 69819, A. A. Hartshorn	1 9 29	8	7	267.4	4.46	5.4	11.938
		8	14	571	4.05	5.4	23.110
Poupet 63466, John B. Marcou	2 4 21	24	7	321.5	3.42	4.2	11.000
Mildred Walker 66239, A. A. Hartshorn	2 3 14	64	7	332.1	3.29	4.2	10.919
		57	14	648.8	3.24	4.2	20.995
Wild Rose Pearl DeKol 68900, A. L. Williams	1 11 24	26	7	303.7	3.20	3.7	9.727
Nigger Girl DeKol 68202, E. S. Robinson	1 11 28	9	7	250.5	3.84	4.7	9.629
Pearl Concordia 68899, A. L. Williams	1 11 8	14	7	289.3	3.28	4	9.487
DeKol Albirce 68560, O. J. Godfrey	1 11 6	18	7	263	3.48	4	9.148
Dichter Alemena DeKol 68526, O. J. Godfrey	1 11 21	10	7	274.8	3.23	4.4	8.889
Clothilde Pearl DeKol 2d 66743, George T. McNeil	2 4	28	7	307.8	2.83	3.3	8.717
Victoria Empress Bonnie Bell 66991, Tibbits & Buck	1 9 2	13	7	267.1	3.24	3.7	8.642
May Ormsby Johanna 2d 67476, A. N. McGeoch	2 15	41	7	264.9	3.20	4.8	8.490
		19	30	1,077.7	3.30	5.25	35.584
Winnifred Pride Beauty Mercedes 65010. A. N. McGeoch	2 2 17	15	7	249.8	3.32	5.2	8.301
Molly Corona 66992, Tibbits & Buck	1 10 18	17	7	232.3	3.56	4.7	8.270
Beryl Wayne DeKol Hengerveld 64459, John B. Marcou	2 5	9	9	277.5	2.83	4	7.840
Record commenced at least eight months after calving.							
Johanna Rue DeKol 58549, A. L. Williams (Earlier record 14.426 lbs. fat.)	3 13	315	7	249.2	3.57	3.9	8.903

YORKVILLE, N. Y., April 14, 1905. S. HOXIE, Supt. of Advanced Registry

Butter Boy Dean De Kol, M. L. Hawley to Edw. J. Mosher, Blodgett Mills, N. Y.

Calamity King De Kol, A. H. Moore to E. Van Amburgh, Pleasant Valley, N. Y.

Carrie Frenesta Chief, C. S. Hewitt to J. F. Rouch, Kingsburg, Calif.

Clothilde King Mechthilde, C. H. Warren to Channing W. Short, Madrid Springs, N. Y.

Clifden De Kol Aaggie, Dan Trumpy to E. N. Botsford, Platteville, Wis.

Daisy Pink Prince De Kol, M. T. Allen to August Oesterlee, Polonia, Wis.

De Jong De Kol Netherland, A. H. Platt to Walter C. Platt, Delta, Pa.

Dick Swiveler De Kol, Dan Trumpy to J. Trumpy & Son, Clarno, Wis.

Dorinda Jewel 2d's Piebe De Kol, Frank B. Fargo to Werner Tasher, Mt. Vernon, Wis.

Duke De Kol Colantha, John Youngman to Frank B. Fargo, Lake Mills, Wis.

Duke Homestead De Kol, Walter A. Canniff to L. H. Rohrssen, Elgin, Ill.

Dutch Delta Boy, Cornell University to C. G. Williams, Wooster, Ohio.

Early Duffy, J. S. Ford to E. I. Hostetler, Mesopotamia, O.

Echo De Kol, M. D. Firman to J. V. Lewis, No. Norwich, N. Y.

Emerald Maplecraft Lad, G. S. Myers to Walter Bently, Conewango Valley, N. Y.

Francine Paul, Geo. Amsden & Sons to Elmer Blossom, Cuba, N. Y.

Friend Paul Regis De Kol, F. D. Mather to James Bates, Cape Vincent, N. Y.

Pyke Mechthilde Dick, T. J. Barmore to John Gygie, Monroe, Wis.

Howland Sir William De Kol, Easthope & Biery to Jacob Muhleman, New Lisbon, Ohio.

Isaac De Kol Burke Spofford, Brown & Stewart to Barnard Bros., Georgetown Station, N. Y.

Johanna Duke of Mapledale, F. A. Blanchard to Burt Tarbell, Groton, N. Y.

Keyes Mechthilde Niagara, Niagara University to St. Joseph's Retreat, Dearborn, Mich.

Maladman, Mrs. Jane L. Stanford to Board of Trustees of the Leland Stanford Jr. University and from Board of Trustees of the Leland Stanford Jr. University to J. Rupert Foster, Marysville, Calif.

Mercedes Clothilde Melisse, W. R. Gates to Smith Bros., Cary Station, Ill.

Mercedes Mechthilde Pietertje 2d, W. R. Gates to Edw. H. Solter, LaGrange, Mo.

Nogi, Chas. A. Wheeler to A. L. Crane, Sanford, N. Y.

Parana De Kol, A. H. Moore to Sherman N. Haight, Milbrook, N. Y.

Paul De Kol Hengerveld Mechtchilde, Roderick Robertson to John Hough, Elmira, N. Y.

Peek a Boo Lunde De Kol, P. A. Frakes to Geo. W. Hayton, Tracyton, Wash.

Pietertje Hengerveld De Kol Waldorf, Geo. G. Grosvenor to E. L. Benedict, Lebanon, N. Y.

Planet De Kol Ormsby, James W. Mullen to John C. Conway & Jos. Hutel, Watertown, Wis.

Prince Daisy Wit, John Witte to John Dehmbow, Algonquin, Ill.

Prince Sir Echo Mechtchilde, E. G. Ainey to E. A. Smith, Brooklyn, Pa.

Princess Captain of Riverside, Chas. D. Pierce to L. A. Hall, Edenvale, Calif.

Richard De Kol, A. H. Moore to C. H. Chase, Highland, N. Y.

Schoone Pietertje Colanthus, Cyrus Cushman to R. A. McLery, Palmyra, Wis.

Seneca Pietertje, B. B. Hardy to M. E. Williams, Elsie, Mich.

Sir Clothilde Gorter, Parker & Babcock to Marion Minges, Wellsville, N. Y.

Sir Johanna De Kol Pense, F. W. Allis to J. H. Theiler, Monticello, Wis.

Sir Mercedes Hilda De Kol, W. R. Gates to A. G. Bechaud, Fond du Lac, Wis.

Sir Neil Elverde, W. C. Gleim to Frank Kolthoff, New Hampton, Iowa.

Sir Pearl Vincent, W. C. Gleim to W. G. Herrick, New Hampton, Iowa.

Sir Royal De Kol, Wm. Niles to J. A. Ryden, Blue, Lake, Calif.

Wayne Paul De Kol Vale, W. R. Gates to O. L. Howard, Whitewater, Wis.

Winana Echo Sir Spofford, M. D. Firman to Morris A. Quinn, No. Norwich, N. Y.

Transfer List for the Week Ending April 15, 1905.

COWS.

Beryl Hengerveld Belle De Kol, Beryl Pauline, Beryl Pudmina, Edith Prescott Wayne, Frontier Jessie Veeman 2d, Helena Burke Hengerveld De Kol 2d, Jessie Veeman C. 2d, Jessie Veeman Dione 2d, Jewel Korndyke, Josephine Mechthilde Beauty 2d, Leila Inka De Kol, Molly Beryl, Mutual Friend Korndyke, Pan America, Pietertje de Haan, Pietertje de Haan 3d, Pietertje de Haan 4th, Pietertje Josephine Abbekerk, Pontiac Clothilde De Kol 2d, Prescott Mercedes Julip, Princess Korndyke Manor De Kol, Sadie Vale Concordia 2d. Segis Inka, Small Hopes De Kol, Small Hopes De Kol 3d, Susie De Kol Paul, Winana Pietertje De Kol, Winana Pietertje De Kol 2d, from Stevens Bros. to Stevens Bros.-Hastings Co., Lacona, N. Y.

Belle of America, Concordia De Kol Clothilde, Duchess of Spring Hill, Kitty Beets De Kol, Kitty Clotholde De Kol, Lady Aaggie Fern, Myrtle Fern, from The O. C. Smith Co. to C. T. Goodwin, Columbia Sta., O.

Fannie Wilson De Kol Paul, Flora Netherland Texal, Hannah Teval Lilith De Kol

"OHIO" Self Feed Blower Ensilage Cutters

Will cut more corn **in half inch lengths** and elevate into silo with a given amount of power than other Ensilage Cutters. Hence they excel in the two most important points. The new sizes will cut:- **Capacity and Power.**

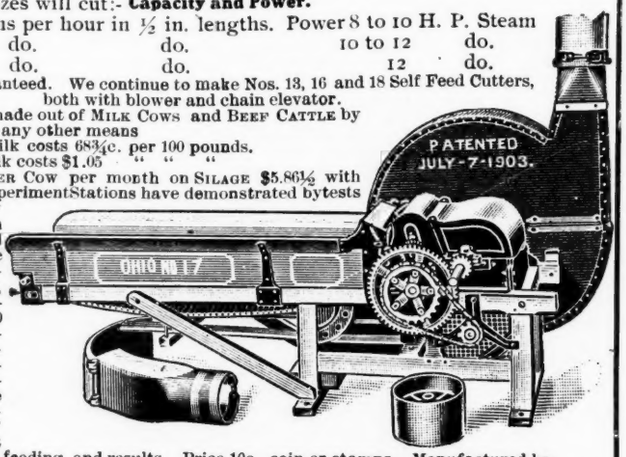
No. 14, 12 to 15 tons per hour in ½ in. lengths. Power 8 to 10 H. P. Steam
No: 17, 16 to 20 do. do. 10 to 12 do.
No. 19, 20 to 25 do. do. 12 do.

And they are so guaranteed. We continue to make Nos. 13, 16 and 18 Self Feed Cutters, both with blower and chain elevator.

More Money can be made out of MILK COWS and BEEF CATTLE by feeding silage than by any other means

On silage ration, milk costs 68¾c. per 100 pounds.
On grain ration, milk costs $1.05 " " "

Average net PROFIT PER COW per month on SILAGE $5.86½ with grain $2.46½ State Experiment Stations have demonstrated by tests that Silage, Clover Hay and 4 pounds of grain as a daily ration will produce 254 lbs. more of beef during the winter months, 150 days, than by other foods. Silage costs about $1.50 per ton in silo Catalogue shows innumerable illustrations of dairy properties and letters from users of the "Ohio" Cutters. "Modern Silage Methods" tells everything about silage, from planting to feeding, and results. Price 10c., coin or stamps. Manufactured by



The Silver Manufacturing Company, Salem, Ohio.

Paul, Hattie Texal Lewis, Lady Lewis Texal, Star Lilith Phebe Belle, Tillie Texal Lilith De Kol Paul, from Harris Lewis to Frank M. Tiffany, Norwich, N. Y.

Ina Mona Hijlaard 3d, Ina Mona Hijaard Johanna, Lady Mona Netherland, Netherland Mona Johanna, from E. H. Taylor to R. C. Collis & D. C. Fargo, Canastota, N. Y.

Fan Tan De Kol Pietertje, Fenella De Kol Pietertje, Gem De Kol Spofford, Helen De Kol Pietertje, from James H. Throop to J. G. Drake, Somerville, N. J.

Hillside Gold Standard, Hillside Julia, Hillside Molly, Vander Lei Superb, from W. L. Conyngham to J. N. Conyngham, Wilkes-Barre, Pa.

Lady Neeltje Maid, Lady Neeltje Maid Beauty, Leola Bell De Kol, Lucy De Kol, Neeltje Maid, Neeltje Maid Butter Girl, Theresa De Kol Beauty, from James L. Ogle to E. J. Fargo, Lake Mills, Wis.

Bleske Tryntje De Kol, Nonesuch Tryntje De Kol, Pearl Tryntje De Kol, Sunbeam Tryntje De Kol, from F. S. Olds to Frank R. Crandal, Howell, Mich.

Cornucopia Pauline De Kol, Crook Brook Lady, De Kol Houwtje Barnum Mechthilde, Lady Belle Mechthilde, Netherland Pietertje Pauline De Kol, from Frank R. Crandal to H. E. George, Crampton, Ont.

Aaggie Lily's Pietertje Netherland 2d, Fred F. Field to Henry Stevens & Son, Lacona, N. Y.

Abbekerk Pride 2d, Iowa State College to H. W. Christenson, Linn Grove, Iowa.

Addie De Kol, C. W. Horne to W. C. Pierce and from W. C. Pierce to P. M. Austin & Son, Danville Jct., Maine.

Alkamar Mechthilde De Kol, Est. of J. R. Mills to E. W. Slaughter, Crystal Run, N. Y.

America Concordia De Kol Fancy, The O. C. Smith Co. to C. S. Doolittle, Kent, Ohio.

Artis Mary 2d, B. K. Graves to Gilman Arath, St. Johnsbury, Vt.

Baby Buttercup, Clarence E. Gifford to Jas. Hogan, Buskirks, N. Y.

Beautiful Pledge, Levi Timerman to F. L. Houghton, Putney, Vt.

Beauty Pauline De Kol, E. C. Brill to F. M. Bullis, Sherburne, N. Y.

Belle Netherland Twisk 2d, J. R. Beebe to T. H. Brink, Birchardville, Pa.

Belle of Dimock, O. V. Dunlap to W. M. Teel, Springville, Pa.

Bessie Bricker Idlewild, T. J. Barmore to N. Johnson, Elkhorn, Wis.

Bessie Hamilton, L. E. Jones to A. A. Hartshorn, Hamilton, N. Y.

Bessie Hamilton 2d, L. E. Jones to A. A. Hartshorn, Hamilton, N. Y.

Bess of Riverdale, S. N. Bennett to Arthur A. Sibley, West Springfield, Mass.

Bowena De Kol, J. R. Beebe to T. H. Brink, Birchardville, Pa.

Brisma De Kol Pauline, E. J. Tefft to H. A. Moyer, Syracuse, N. Y.

Calamity Maid Jane, H. W. Norton to H. E. George, Crampton, Ont.

Calamity Pietertje, Frank R. Crandal to Fred Blaylock, Vassar, Mich.

Canary Silver Wave, H. W. Norton to Clark L. Brody, Three Rivers, Mich.

Capitola Pietertje Kuperus, H. W. Hartshorn to E. L. Goodell, Randallsville, N. Y.

Clothilde Netherland Queen De Kol, Jas. H. Nichols to N. F. Sholes, Earlville, N. Y.

Clowslip's Gerben, M. E. Moore to J. H. Bledgett, Pleasant Hill, Mo.

Crawford Princess 3d, Jas. C. Poor to Robt. A. Watson, Andover, Mass.

Daisy Inka Vale, M. S. Nye to A. B. Freeman Jr., Bledgett Mills, N. Y.

Daisy Oak Lawn Pietertje, Saml. Smith to L. A. Crawford, Walworth, Wis.

Daisy Queen Geraldine, Saml. Smith to L. A. Crawford, Walworth, Wis.

Daisy Queen of Meadow Lawn 2d, Saml. Smith to H. F. Jones, Hebron, Ill.

De Kol Inka De Kol 2d, Jerry Vosburg to A. J. Heller, Elgin, Ill.

De Kol Pauline de Haan, J. W. Smith to C. F. Corey, Pennellville, N. Y.

Della Petunia, C. Ensinger to H. F. Fisher & Wm. Jones, Charleston, W. Va.

Elysian Maid, F. E. Brossard to Edw. Yager, Rice Lake, Wis.

Fall Breeze Durand, F. P. Cross to Frank Brewster, Elkhorn, Wis.

Flora Pauline Foekje, Est. of C. W. Avery to Grove H. Goodwin, Belgium, N. Y.

Fyra Pietertje Clothilde, Saml. Smith to E. C. Fabian, Lake Geneva, Wis.

Gem Pietertje De Kol Belle, Chas. D. Baird to Jacob G. Drake, Somerville, N. J.

Gerben Lake, Iowa State College to H. W. Christenson, Linn Grove, Iowa.

Gerster De Kol, H. L. Bronson to Chas. H. Hayes, Pittsburg, Pa.

Gertruda Verona 2d, B. K. Graves to H. A. Stanley, St. Johnsbury, Vt.

Gladys Abbekerk Mechthilde 2d, F. F. Pratt to M. S. Nye, Preble, N. Y.

Gluck, Frank R. Crandal to Fred Blaylock, Vassar, Mich.

Griselda Mercedes, W. H. & S. H. Rollins to E. M. Jacobs, Stroudwater, Me.

Gusta Belle, G. S. Myers to D. A. Brown, Conewango Valley, N. Y.

Hattie Texal Lilith De Kol, Harris Lewis to A. A. Hartshorn, Hamilton, N. Y.

Hillegonda Boelyn, Wm. C. Hills to G. & F. Brockway, E. Washington, N. H.

Helen Serida, Redfield Proctor to F. A. Greene, No. Claredon, Vt.

Ilex Clothilde, Frank P. Barton to M. T. Carrigan, Concord, Mass.

Inka Netherland Clothilde 3d, G. M. Lyon to Arthur Hay, E. Rush, Pa.

Jennie Clay De Kol, W. C. Pierce to P. M. Austin & Son, Danville Jct., Me.

Joan Beauty Clothilde, L. Reinhardt to Ferdinand Paquette, St. Vincent de Paul Quebec.

Kokke Pietertje Hengerveld, M. W. Wood to Henry Stevens & Son, Lacona, N. Y.

Lady Korndyke Pauline De Kol, J. H. Johnson to Frank R. Crandall, Howell, Mich.

Lady Lewis Lilith, Harris Lewis to A. A. Hartshorn, Hamilton, N. Y.

Lady Manor De Kol 2d, Mrs. J. F. Doran to Henry Stevens & Son and from Henry Stevens & Son to Jas. H. Graeff, Obold, Pa.

Lady Oosterbaan De Kol, The O. C. Smith Co. to C. S. Doolittle, Kent, Ohio.

Lady Pietertje De Kol Paul, J. E. Leach Son to J. A. Leach, Marathon, N. Y.

Lady Roella De Kol, E. C. Brill to A. A. Cortelyou, Neshanic Station, N. J.

Leonia De Kol, Frank L. Vosburgh to H. A. Moyer, Syracuse, N. Y.

Leonia De Kol 2d, Frank L. Vosburgh to H. A. Moyer, Syracuse, N. Y.

Lieuwkje Mercedes Soldene, W. H. Davis to E. C. Brill, Poughquag, N. Y.

Lilly Belle Walker, A. A. Hartshorn to H. A. Moyer, Syracuse, N. Y.

Louise of Cole Homstead, Est. of Wm. S. Breed to F. W. Cole, Rehoboth, Mass.

Lucy Dell, Anson Hyde to A. Kingsley, Andover, Ohio.

Luta Pauline, O. H. Scudder to A. F. Schermerhorn, Kennedy, N. Y.

Madge Abbekerk, R. A. McLery to Carbon Cattle Co., Orting, Wash.

Maggie Belle 2d, Harris Lewis to J. G. Drake, Somerville, N. J.

Maggie Hoffman, Harris Lewis to Bert Aldrich, Norwich, N. Y.

Maggie Hoffman 2d, Harris Lewis to Bert Aldrich, Norwich, N. Y.

Marie L. 2d, L. E. Jones to A. A. Hartshorn, Hamilton, N. Y.

Martha of Cole Homestead, Est. of Wm. S. Breed to Frank W. Cole, Rehoboth, Mass.

May Texal, Harris Lewis to J. G. Drake, Somerville, N. J.

Mazie Mercedes 3d, Saml. Smith to H. F. Jones, Hebron, Ill.

Mazie Mercedes 5th, Saml. Smith to L. A. Crawford, Walworth, Wis.

Meadow Beechwood, A. Stauffacher to Iver Ellingson, Browntown, Wis.

Merdu Artis Clothilde, W. H. Davis to E. G. Brill, Poughquag, N. Y.

Minnehaha Pietertje, B. C. Tharratt to A. B. Parker, Munnsville, N. Y.

Miss Corinne De Kol Pietertje, Est. of O. P. Marble to John W. Worthington, Oak Grove, Mich.

Mollie Lincoln De Kol, Wm. C. Hills to F. C. Gaines, Hillsboro, N. H.

Myra W. Shepard, James C. Poor to W. E. Drew, Goffstown, N. H.

Myrtle S., J. O. Stevenson to J. D. Loring, Middletown, N. Y.

Nancy Colanthus of Martha, O. T. Howard to O. L. Howard, Whitewater, Wis.

Pauline Jewel Netherland, E. C. Brill to A. A. Cortelyou, Neshanic Station, N. J.

Pearl Aaggie Shepard De Kol, Jas. C. Poor to W. E. Drew, Goffstown, N. H.

Pearl Pietertje Hartog, A. A. Hartshorn to H. A. Moyer, Syracuse, N. Y.

Perfect Daisy, Est. of Wm. S. Breed to B. G. Humphrey, Romford, Conn.

Perry Beauty 2d, Gregg, Horr, Warner Co. to L. Breyley, Spencer, Ohio.

Phroney Jane Aaggie 2d, O. H. Scudder to A. F. Schermerhorn, Kennedy, N. Y.

Piersmarina Clothilde De Kol, Est. of E. F. Hovey to Fred Hovey, Chesterland, Ohio.

Piersmarina Zelda, Est. of E. F. Hovey to Fred Hovey, Chesterland, Ohio.

Pietertje Drosky De Kol, J. E. Leach & Son to J. A. Leach, Marathon, N. Y.

Pietertje Netherland Livonia, D. W. Field to C. L. Jackson, Greenville, Me.

Pietertje Jane, D. W. Field to C. L. Jackson, Greenville, Me.

Pietertje Netherland Rena, D. W. Field to C. L. Jackson, Greenville, Me.

Pine Grove Rosa, J. C. Shaw to H. E. Waring and from H. E. Waring to Homer Waring, Linesville, Pa.

Pride Beatitude Echo, W. H. Davis to E. C. Brill, Poughquag, N. Y.

Prilly, A. A. Hartshorn to H. A. Moyer, Syracuse, N. Y.

Princess Jamaica De Kol, E. C. Brill to F. M. Bullis, Sherburne, N. Y.

Princess Maud Gorter, Bundy & Mallory to Rotch Bundy, Andover, N. Y.

Queen Aaggie Beets De Kol, O. C. Smith Co. to C. S. Doolittle, Kent, Ohio.

Queen of Maple Row, B. W. Potter to L. P. Tenney, Royalton, Vt.

Redenta 2d, R. Maxwell to Chas. Regan, Cuba, N. Y.

Rhea De Kol 2d, H. W. Norton to H. E. George, Crampton, Ont.

Rhoda Brank, Wm. C. Hills to G. & F. Brockway, E. Washington, N. H.

Roella Netherland Mechthilde De Kol, W. H. Davis to Henry W. Underhill, Jericho, N. Y.

Royal Andire Pauline, H. L. Bronson to A. W. Neale, So. Royalton, Mass.

Ruth Pietertje R., H. W. Hartshorn to A. A. Hartshorn, Hamilton, N. Y.

Sal Jumble 2d's Lilith, Harry Lewis to A. A. Hartshorn, Hamilton, N. Y.

Snowflake Netherland Queen 4th, T. J. Barmore to N. Johnson, Elkhorn, Wis.

Texal Lilith De Kol Paul, Harris Lewis to A. Holmes, Norwich, N. Y.

Tillie Teval, Harris Lewis to H. J. Lewis, Hammondsport, N. Y.

Zarilda De Kol Pauline, Wm. P. Morsell to M. F. Ahalt, Middletown, Md.

Zarilla De Kol, Est. of Chas. P. Whitin to O. J. Nass, East Providence, R. I.

BULLS.

Aaggie De Kol Pietertje, H. W. S. Knox to Clayton Morrill, Pierrepont, N. Y.

Admiral Posch, Knapp & Pierce to S. J. Mohler, Grafton, Ohio.

Admiral Togo, J. H. Coolidge & Son to G. A. Hindes, Rockford, Ill.

Admiral Togus, Walter S. Keene to J. S. Williame, Newport, Me.

Albirce Mercedes Paul, O. J. Godfrey to Wm. B. Quick, Brookton, N. Y.

America Sylvia Pietertje De Kol, F. F. Pratt to F. L. Burnham, Little York N. Y.

A. L. P. N. De Kol 2d's Paul, G. F. Carter to D. G. Culver, Amenia, N. Y.

Bryonia Duke De Kol, E. E. White to Fred Hurdis, Elkhorn, Wis.

Buckeye Maid 3d's Monk 2d, Anson Hyde to A. Kingsley, Andover, O.

Butter Boy Duke De Kol 2d, C. W. Hart to A. Kingsley, Andover, O.

Butter Boy Sir Mechthilde, Knapp & Pierce to Miller & Geiger, Swanton, Ohio.

Canary Sir Barnum Mechthilde 2d, Frank R. Crandal to J. Fred Smith, Byron, Mich.

Chief Indi De Kol, The O. C. Smith Co. to H. C. Ryder, Troy, O.

Columbus Pietertje, B. C. Tharratt to A. B. Parker, Munnsville, N. Y.

Cornelius King, A. H. Moore to Stephen Scott, Verbank, N. Y.

Count Bontje Pel, Brattleboro Retreat Farm to J. K. Montague, Enosburgh Falls, Vt.

Count Calamity Wayne, Frank R. Crandal & J. H. Johnson to I. M. Shorman, Fowlerville, Mich.

Count Clothilde Beets 2d, I. S. Allen to Alvin Franklin, Poolville, N. Y.

Crown Prince Sir De Kol, Edw. Curran to Wm. Becht, Sand Hill, Mich.

Count De Kol Cloverdale, Jay Hart to Milo Jamieson, Chatham, O.

De Kol Orphan Boy, W. P. Morsell to Geo. C. Remsburg, Middletown, Md.

De Kol Pietertje Czar, Knapp & Pierce to F. E. Yoder, Goshen, Ind.

Duke of Dollie De Kol, F. F. Pratt to Maxon & Ryan, Homer, N. Y.

Earl Netherland De Kol Aaggie, James C. Poor to Jos. F. Fay, Lowell, Mass.

Elzevere Barnum Sir Paul De Kol, J. Fred Smith to Frank R. Crandal and from Frank R. Crandal to Clark L. Brody, Three Rivers, Mich.

Esau, Frank Parson to John M. Harper & Son, Kennebunk Port, Me.

Faforit Tritomia Sir Korndyke, Stevens Bros. to Stevens Bros.-Hastings Co., Lacona, N. Y.

Galatia Boon De Kol, Geo. F. Blewer to Fred B. Hooker, Newark Valley, N. Y.

Gem Koningen Pietertje, James H. Throop to J. G. Drake, Somerville, N. J.

Gem Lilith De Kol Echo, Harris Lewis to J. G. Drake, Somerville, N. J.

Gem Lilith De Kol Paul Netherland, Harris Lewis to J. G. Drake, Somerville, N. J.

Glencoe Hengerveld, P. A. Frakes to J. R. Parks, Kiona, Wash.

Harry Echo Mechthilde, Will R. Crandal to C. L. Earley & J. L. Williams, Andover, N. Y.

Hengerveld Buckeye King, J. W. McKown to Geo. S. Loucks, Scottdale, Pa.

Hengerveld De Kol Hartog, Henry Stevens & Son to Jas. H. Graeff, Obold, Pa.

Henrietta Prince De Kol, Knapp & Pierce to S. J. Johnston, Sidney, Ohio.

Highland King Schuiling, The O. C. Smith Co. to Jake Gardner, Welshfield, Ohio.

Hillside Mabel De Kol Clothilde, J. N. Conyngham to J. D. Miller, Susquehanna, Pa.

Hoese Hengerveld De Kol, Conrad Hoese to Geo. A. Dillenbeck, Rndall, N. Y.

Holingen Prince, Iowa State College to Peter Christenson, Linn Grove, Iowa.

Irene Tirania De Kol, James C. Poor to F. O. Rea, No. Andover, Mass.

Jap De Kol, F. P. Cross to J. F. McCon, Davis, Ill.

Johanna Parthenea Lad, E. C. Petrie to H. J. Noblet, Elkhorn, Wis.

King Forster De Kol 2d, James Hill & C. A. Ewell, Genesee, Pa.

Kookee Butter Boy De Kol, E. S. Baldwin to L. Dickinson, Bridgewater, Conn.

Korndyke Clothilde, G. M. Carpenter to F. L. Page, No. Jackson, Pa.

Korndyke De Kol Lamb, Calvin Day to Chas. B. Wilber, New Berlin, N. Y.

Lilith De Kol Paul 3d, Harris Lewis to J. G. Drake, Somerville, N. J.

Maple Ridge Lady, C. H. Fitch to Mayne & Higgins, Burlington Flats, N. Y.

Marcus Echo Mechthilde, Will R. Crandall to W. P. Cosner, Sussex, N. J.

Netherland De Kol Magnet, Carl Foll to F. A. Noth, Norwalk, Wis.

Paul Alban De Kol Eusebia, E. E. Marsh to J. A. Weldin, Wilmington, Del.

Paul Echo Mechthilde De Kol, W. R. Crandall to J. J. Poulson, Sussey, N. J.

Pauline De Kol Butter Boy, E. J. Tefft to Geo. M. Dickhout, Therese, N. Y.

Pauline Paul De Kol Beauty 2d's Prince, H. R. Sexton to P. H. Aldrich, Plymouth, N. Y.

Piersma Netherland Soldene, Hermon A. Comey to Mrs. Sadie E. Gorrill, West Point, P. E. I.

Pietertje Aaggie Netherland De Kol, A. J. Daugherity to James R. Hunt, Ottawa, Ill.

Pine Grove Bismark, J. C. Shaw to H. E. Waring, Linesville, Pa.

Prince Clothilde De Kol of Edwards, Geo. A. Coe to A. N. Elliot, Edwards, N. Y.

Prince Frisia, Brattleboro Retreat Farm to J. H. Jewett, Lebanon, N. H.

Prospect Waldorf De Kol Hengerveld, John B. Marcou to Arthur Perrin, Southville, Mass.

Rodmer Hengerveld De Kol, Est. of E. F. Hovey to Fred Hovey, Chesterland, Ohio.

Russell Beechwood, J. H. Coolidge & Son to Bert E. Hadley, Cambridge, Ill.

Russell Sage, A. V. Felt to W. H. Newton, Moline, Ill.

Salma Colantha Prairie King, Eben T. Wescott to Saml. McConnell, Lima Center, Wis.

Samuel De Kol, W. C. Pierce to P. M. Austin & Son, Danville Jct., Me.

Shadeland Paul De Kol Count 2d, Harris Lewis to M. D. Skinner, Norwich, N. Y.

Sharon Dora Gerben De Kol, John C. Loub. to E. C. Gwinner, Holdrege, Neb.

Sir Abbekerk De Kol Hengerveld, Iowa State College to John Clark, Clarno, Wis.

Sir Abbekerk Sutton, Chas. Robinson to Lloyd P. Ayer, No. Franklin, Conn.

Sir Beatus Clothilde, N. Brownell to Lamb Bros. and from Lamb Bros. to Chas. S. Juliand, Greene, N. Y.

Sir Calamity Mercedes Paul De Kol, J. H. Johnson to Clarence Pearson, Milford, Mich.

Sir Clothilde Jewel, C. W. Harrison to F. B. Fargo, Lake Mills, Wis.

Sir College Metje, Iowa State College to Merritt Green, Marshalltown, Iowa.

Sir Eeke Lilith Clothilde Count, F. S. Wells to R. K. Stalford, Wyalusing, Pa.

Sir Manor Oosterbaan, The O. C. Smith Co. to C. S. Doolittle, Kent, Ohio.

Sir Paul De Kol Hollander Beauty, J. Fred Smith to Frank R. Crandal and from Frank R. Crandal to Fred Blaylock, Vassar, Mich.

Sir Pauline De Kol Count, W. B. Gates to Chas. B. Wilber, New Berlin, N. Y.

Sir Pietertje De Kol Hengerveld, A. F. Cole to Chas. Wilcox, Georgetown Sta., N. Y.

Sir Shadeland Mechtchilde, Wm. R. Crandall to Wm. J. Bines, Andover, N. Y.

Test Count Daw, J. J. F. McCullough & Sons to Fred Kornmann, Rochester, Pa.

Texal Shadeland Paul De Kol Count, Harris Lewis to Geo. White, Norwich, N. Y.

Thorla Imperial Sarcastic Lad, Est. of Elba S. Talbot to D. E. Bass, Leonardsville, N. Y.

Thyrsa Count De Kol, James C. Poor to C. H. Battles, Lowell, Mass.

Tom Beets De Kol, The O. C. Smith Co. to C. S. Doolittle, Kent, O.

Trilby Gypsy Prince, Farwell & Chandler to T. D. Southworth, Hampton, N. Y.

Underwood De Kol Chief, L. J. Ives to Arthur Bowers, Delavan, Wis.

Vale Piebe De Kol, Frank R. Crandall to Frank R. Crandal, Howell, Mich & J. H. Johnson, Farmington, Mich.

Violet Pledge Clothilde 3d, Edgar Huidekoper to F. M. Hazen, Venango, Pa.

Wayne Burke De Kol, E. M. West to M. A. Sibley, Whallonsburg, N. Y.

Wellwood Paul De Kol, W. W. Cheney to Dana H. Wells, Fayetteville, N. Y.

F. L. HOUGHTON, Secy.,
Brattleboro, Vt.

Transfer List for the Week Ending April 22, 1905.

COWS.

Grace Pietertje Pauline De Kol 3d, Hengerveld De Kol Beets, Inka Waldorf, Jewel Hengerveld De Kol, Kekke Beauty Hengerveld, Lady De Kol of Hillside 3d, Lelia Waldorf De Kol, May Irwin De Kol, Pietertje Wayne Hengerveld, from Henry Stevens & Son to Chas. S. Bryan, No. 42 Broadway, New York city.

Helena Burke De Kol, Helena Burke De Kol 2d, Helena Burke De Kol 2d's Queen, Helena Burke De Kol 4th, Helena Burke De Kol 6th, Helena Burke Hengerveld, Helena Burke's Daughter, Helena Calamity Burke, Helena Hengerveld Burke, Lady Waldorf Burke, from Henry Stevens & Son to Frank G. Thomson, Toledo, O.

Gentle Annie De Kol, Juma Girl Acma, June Rose Bud, Katie Acma De Kol, Longfield Champion, Madam Acma, Miss Leland 2d, Sallie Pet Pietertje, Sunny Maid June Bud, Sunnyside De Kol, from Frank Brewster Est. to Wm. Everson & Son, Lake Mills, Wis.

Daisy Sharp, Miss Leland, Queen Bess Netherland, White Netherland, from Est. of Frank Brewster to Mrs. Anna Neurer, Genoa Junction, Wis.

Annie K's Mercedes Flip, Johanna Flip, Sallie Pet Pietertje 2d, Sunnyside Johanna, from Est. of Frank Brewster to A. L. Williams, Fond du Lac, Wis.

Johanna Bess, Johanna Leland Girl, Leland Rue, Nezi Rue, from Est. of Frank Brewster to L. A. Kimball, Hebron, Ill.

Black Queen Netherland, Jessie Maid Acma, Katie Mercedes Jettine, Lady Snowflake Pietertje, Lillie Leland, Lorina Brewster, from Est. of Frank Brewster to McCanna Fraser Co., Burlington, Wis.

Jewel Maid Mercedes, Johanna June Bud, Ruby B., Sallie Johanna, Suunnyside May, from Est. of Frank Brewster to F. P. Brewster, Rockford, Ill.

Black Midget, Nemesis Darkness 2d, Netherland Starlight 2d, Pel Joukje 2d, from Brattleboro Retreat Farm to Mt. Hermon Boys' School, Mt. Hermon, Mass.

Corona Copia Hartog De Kol, Elizabeth Pauline, Grace Pauline Paul Pet, Lady Corona De Kol, Lady Marion Princess Wayne, Lady Oatka Corona, Lyndon Belle, Lyndon Pauline De Kol, Miss Daphne Clothilde, Oatka Daughter, from P. B. McLennan to Beaver Lodge, Ransomville, N. Y.

Affra Imogene, Affra Imogene 3d, Creetia H. 4th, Hulda Carter, Maje Meganty 2d, Paxton Affra Emma 2d, Waverly Ravenna, from J. G. Paxton to R. L. Carter, McDonald, Pa.

Gem Lilith Pauline Beryl, Gem Pauline Lilith, Milly Mechthilde 2d, Netherland Clothilde Alice, Roella Pietertje, from N. F. Sholes to J. G. Drake, Somerville, N. J.

Aaggie Sioux Netherland, Mahomet Gerben, Miss Aaggie Parthenea De Kol, Wayne Parthenea 2d, from M. E. Moore to Miss. Agr'l and Mechanical College, Agricultural College, Miss.

Eona Beauty, Maiden Eona, Marshland Chloe, Marshland Eona, Marshland Norna, Star of Tioga Retreat, Tioga Chloe Queen, Tioga Delia, from Garrett Hunt to A. L. Brockway, Auburn, N. Y.

Aaggie Netherland Zur 2d, H. D. Roe to John Burke, Kirkville, N. Y.

Abbey Peep Pride 3d, Henry Stevens & Son to Michael Williams, Deerfield, N. Y.

Alexander Queen Soldene, J. H. D. Whitcomb to A. W. Neale, So. Royalston, Mass.

Appoline Shadeland, E. S. Akin to H. E. Woodward, Ensenore, N. Y.

Armyn's Jan 5th's Lilith, H. D. Roe to H. L. Mershon, Rock Creek, Ohio.

August Paul, T. A. Mitchell to Saml. J. Tilden, New Lebanon, N. Y.

Beatrice De Kol Mercedes, T. S. Tompkins to J. M. Kelsay, Rocky Ford, Col.

Belle of Fairview De Kol, G. L. Miller to John B. Irwin, Minneapolis, Minn.

Bessy Bell Queen A., A. J. & H. C. Brown to Ernest Dye, Cherry Creek, N. Y.

Betsy De Kol Artis, E. S. Akin to H. E. Woodward, Ensenore, N. Y.

Black Queen Netherland 2d, Frank Brewster Est. to Geo. Cram, Randolph, Wis.

Bonnie Briar De Kol, John H. Mead to Miss Hanna P. Brosseau, Schodack Landing, N. Y.

Bonnie White Netherland, Est. of Frank Brewster to L. G. Legler, Juda, Wis.

Boutje Queen Houwtje, M. S. Campbell to J. C. Marty, Monticello, Wis.

Clara De Kol Netherland, E. C. Brill to H. Risley, Earlville, N. Y.

Clothilde Nina, Easthope & Biery to John C. McCullough, Mingo Jct., Ohio.

Como Johanna, W. B. Smith & Son to Louis Nonweiler, Boonville, Ind.

Copia Duchess Clothilde De Kol, E. A. Powell to Amos Klock, St. Johnsville, N. Y.

Daisy Belle Netherland, A. C. Slifer to John Winkelblech, Milton, Pa.

Daisy Van Beers Abbekerk Jewel, T. S. Tompkins to John Kemew, Jr., Madison, Minn.

De Kol Netherland Parthenea Queen, N. F. Sholes to Wm. Soule & Son, Craryville, N. Y.

Delilah Maid, E. S. Akin to H. E. Woodward, Ensenore, N. Y.

Diana Clothilde Artis, E. A. Powell to Amos Klock, St. Johnsville, N. Y.

Drucilla Marie, Jacob Imobersteg to Christ Martig, Salem, O.

Duchess Bryonia, T. S. Tompkins to J. M. Kelsay, Rocky Ford, Col.

Edna De Kol Barrington, Henry Stevens & Son to J. Walter Jones, No. Lebanon, Me.

Ethel Belle, F. B. Jeffrey to J. K. Estabrook, Brunswick, Me.

Eusebia Princess De Kol, E. J. Tefft to D. S. Davis, Oriskany Falls, N. Y.

Fantasy Carlotta 3d, H. A. Medlong to Chas. Hogsboom, Mexico, N. Y.

Frances Netherland Mercedes, Est. of Frank Brewster to Ed. Thomas, Elkhorn, Wis.

Friesland Dione De Kol, C. H. Weaver to C. J. Piester, Ancram, N. Y.

Georgie Pauline Paul, P. B. McLennan to R. Grant Wagner, Ischua, N. Y.

Gerben De Kol Mercedes, T. S. Tompkins to J. M. Kelsay, Rocky Ford, Col.

Hartog Queen De Kol, H. D. Roe to H. L. Mershon, Rock Creek, O.

Helen De Kol Mechthilde, E. A. Powell to T. H. Jackson, Greene, N. Y.

Hilda Avis, Jos. Shattuck to Shattuck Farm, Lawrence, Mass.

Homestead Girl Johanna, H. D. Roe to J. N. Gibbs, Mt. Vernon, Va.

Houwtje Brook, M. J. McPherson to H. E. George, Crampton, Ont.

Imperial Girl 2d, C. E. Riley to E. A. Forbush, Hudson, Ohio.

Irene Togus, J. K. Estabrook to A. H. Pond, E. Eddington, Me.

Isadora Clothilde, Silas Decker to H. E. Ellsworth, Tunkhannock, Pa.

Isadora Tromp, Silas Decker to H. E. Ellsworth, Tunkhannock, Pa.

Jamaica of Lynfeld De Kol, J. M. Ham to N. J. Wagner, Cohocton, N. Y.

Jarie Pauline De Kol 3d's Posch, H. D. Roe to Geo. W. Barbour, Dexter, N. Y.

Johanna De Kol Wit 2d, C. A. Schroeder to H. A. Moyer, Syracuse, N. Y.

Korndyke Dorinda, W. W. Cornwall to B. M. Cornwall, So. Wales, N. Y.

Lady Aaggie Paul Soldene, J. H. D. Whitcomb to Rankin Bros., Brockton, Mass.

Lady Ailee, M. S. Campbell to J. C. Marty, Monticello, Wis.

Lady Ivaloo Bess, A. J. & H. C. Brown to Lester A. Parks, Cottage, N. Y.

Lady King Paul De Kol 2d, Alfred Fassitt to A. A. Kirk, Oxford, Pa.

Lady Onyx, Frank Brewster Est. to W. C. Hickcox, Spring Green, Wis.

Lady Onyx Belle, Est. of Frank Brewster to L. C. Legler, Juda, Wis.

Laura Clothilde Boon, D. D. F. Hobart to L. F. Rowlee, Cortland, N. Y.

Lilith De Kol Wayne, H. D. Roe to J. N. Gibbs, Mt. Vernon, Va.

Lily Belle Echo, B. O. Brown to A. C. Slifer, Lewisburg, Pa.

Lily Maid, J. J. F. McCullough to M. A. Crawford, Bulger, Pa.

Luciana Albaje, M. F. Peck to Hartwell Farwell, DeForest, Wis.

Madam Jewel De Kol, Frank Brewster Est. to H. J. Barker, Elkhorn, Wis.

Maid Esther, Jacob Imobersteg to Christ Martig, Salem, Ohio.

Maid June Bud, Est. of Frank Brewster to Will Katzman, Bowers, Wis.

Maid of Eldora, Jacob Imobersteg to Christ Martig, Salem, O.

Maid Sophia, Jacob Imobersteg to John Brugger, Garfield, O.

Maud Colantha Abbekerk, J. H. D. Whitcomb to Lewis F. Blossom, Fair Haven, Mass.

May Clothilde Netherland, E. J. Tefft to D. S. Davis, Oriskany Falls, N. Y.

May Netherland Walker, E. J. Tefft to D. S. Davis, Oriskany Falls, N. Y.

May Waldorf De Kol, Henry Stevens & Son to D. N. Haynes, No. Claredon, Vt.

Mechthilde Kaan Marie De Kol, G. L. Miller to John B. Irwin, Minneapolis, Minn.

Mechthilde Netherland Pietertje, H. D. Roe to Harry B. Davis, Chester, N. Y.

Mercedes Gypsy's De Kol, Waite & Bovee to W. A. Waite & Son, Adams, N. Y.

Midge Clothilde De Kol, J. J. F. McCullough & Sons to M. A. Crawford, Bulger, Pa.

Minnie Togus 2d, J. K. Estabrook to Thomas Coffey, Eddington, Me.

Minorie Daisy, A. J. & H. C. Brown to Ernest Dye, Cherry Creek, N. Y.

Minorie Maggie, A. J. & H. C. Brown to E. D. Ham, Perrysburg, N. Y.

Minorie's Pride 2d, E. S. Robinson to A. J. & H. C. Brown, Forestville, N. Y.

Continued in next issue.

PUBLIC SALE

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FOURTH PUBLIC SALE

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Offers a **Bull Calf** dropped Dec. 16th, 1903. Good size, straight and handsomely marked. Dam of calf, Nannette 3d's Pledge 3, who at 2 years 1 month 8 days made 14 lbs., 10.9 oz. butter in 7 days, her average, 3.76 for the week. Her dam at 4 years made 21 lbs., 13.4 oz butter in 7 days; per cent fat 4.84, highest 5.65. Sire Homestead Hengerveld Crown De-Kol, No. 26,345. He is the sire of 2 A. R. O. daughters.

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Can supply you with a few good young A. R. O. cows at a price that will attract attention if you will only consider breeding and individuality. Must sell ten head at once to make room for increase of herd. Seventy head to select from nearly all of which are young. Herd contains three two-year-old heifers whose 7 day A. R. O. records average over 19¾ pounds each. A few young bulls for sale at a price that will please you. Write your wants to

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FIRST SPRING OFFERING—
GREATEST EVER YET MADE!

50 Registered Holstein-Fresian cows, due this spring 50. $100 dollars per head and upwards $100. 60 Registered two year old Holstein-Fresian heifers, due to freshen next fall 60. $90 per head and upwards $90. 25 Registered Holstein-Fresian bulls, ready for immediate service 25. THE BEST EVER OFFERED AT PUBLIC SALE. $75 per head and and upwards $75. 70 Registered male and female calves, some of them grandsons and granddaughters of Aaggie Cornucopia Pauline, champion cow of the world, A. R. O. seven day record 34.31 lbs. 70. 60 A. R. O. cows, in calf to Aaggie Cornucopia Pauline Count, No. 29542, Mercedes Julip Piertertje's Paul, No. 29830; combined A. R. O. butter records of dams 63.67 lbs. in seven days, average per cent. of fat 4.2. Greatest of any two bulls in the world 60. 50 calves for $50 per head and upwards 50. RECORDS ARE OFFICIAL, GREATEST OPPOTUNITY EVER OFFERED. Now is the time to start a foundation herd. Prices reasonable, Full guarantee on every thing. Personal inspection invited, Circular will be sent on application.

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Born Mar. 17, '05.
A handsomely marked calf, a little more white than black, and a fine individual.

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PAUL BEETS DeKOL 44 A.R.O. daughters; 21 records that average over 20 lbs. Brother of the World's Champion cow, Aaggie Cornucopia Pauline.

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JESSIE BEETS, 19 lbs of butter in seven days.

ROXIE PIETERTJE, SPOFFORD, No. 55509.

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ROXIE PIETERTJE, No. 40731. Record at 4 years, 16 lbs. 1.5 oz.

Grenell's Improved Leaming Seed Corn.

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It grew to corn that made the ensilage, that made the Pontiacs make the milk, that made the butter, that made the records, that made them famous, that made the money that buys the farms for the Stevens Brothers. Order from

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Calves sired by Belle Korndyke Beryl Wayne, from 20 lb. dams, for sale cheap.

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Two, or three year old Holstein-Fresian Heifers of high quality, due the coming summer. Must be first class at low prices. Some from official record dams.

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For Liverpool, (near Syracuse), or Lacona, wiring us at our expense, when and where to meet you; and look over our

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